# PASSENGER CAR ENGINE OILS

Eurol has a complete range of premium quality passenger car engine oils, suitable for all types of cars and light duty commercial vehicles. Our engine oil products have OEM approvals from the leading motor vehicle manufacturers. To make a clear distinction for your customers, the passenger car engine oil bottles are available in two different colours: golden coloured bottles for the fully synthetic engine oils and the champagne coloured bottles for mineral and semi-synthetic qualities.

#### PASSENGER CAR



### **EUROL EVOLENCE** 0W-16

#### **FULLY SYNTHETIC**

Fully synthetic engine oil, suitable for modern gasoline engines where API SN Plus and/or ILSAC GF-5 is prescribed. The engine oil is developed for gasoline engines of hybrid vehicles from 2016 onwards of various brands, including Toyota, Honda and Lexus. The engine oil offers the best fuel saving properties and protects against LSPI (Low Speed Pre-Ignition). Eurol Evolence 0W-16 is the best product for starting in extremely cold weather conditions. The engine oil offers good wear protection for idle-stop.

**APPROVED API SP API SN Plus** PERFORMANCE LEVEL API SP-RC **ILSAC GF-6B** RECOMMENDED FOR USE **ILSAC GF-5** 

**CODE E100164** 



### **EUROL ULTRANCE ECO** 0W-20

#### **FULLY SYNTHETIC**

Eurol Ultrance ECO 0W-20 is a full synthetic mid SAPS engine oil for passenger cars, vans and SUV's equipped with after treatment devices with or without turbochargers. This motor oil is widely applicable and exceeds the specification limits of various OEM specifications. This oil has been formulated to reduce Low Speed Pre Ignition (LSPI) events to a minimum. Eurol Ultrance ECO 0W-20 is a low viscosity engine oil, that contributes to fuel efficiency without compromising wear protection, even under high temperatures during extended drain intervals.

APPROVED **API SP API SN API SN Plus RC ILSAC GF-6A** BMW Longlife 17FE+ **Jaguar Land Rover** STJLR 03-5006-16 OV0401547 MB-Approval 229.71

ACEA C6 ACEA C5 MB 229.72 **ILSAC GF-5** Ford WSS-M2C947-B1 Ford WSS-M2C962-A1 RECOMMENDED FOR USE BMW Longlife 14FE+ Chrysler MS-12145 Fiat 9.55535-GSX

STJLR.51.5122

PERFORMANCE LEVEL

API SP-RC

**CODE E100036** 



### **EUROL ULTRANCE VCC** 0W-20

#### MID SAPS

Fully synthetic, 'mid saps' 0W-20 engine oil, approved by Volvo for the new VEA engines. Volvo Engine Architecture is the new standard for every engine to come from Volvo, requiring an engine oil meeting the Volvo VCC RBS0-2AE spec with a viscosity grade 0W-20. Offers excellent detergency and fuel efficiency along the entire drain interval of 30.000 km, due to the HTHS below 2.9 cP. Furthermore, the oil can be used in applications requiring an ACEA A1/B1 engine oil with viscosity grade 0W-20.

APPROVED **API SN** Volvo VCC RBS0-2AE PERFORMANCE LEVEL ACEA C5

**CODE E100017** 



# **EUROL ULTRANCE PSA** 0W-30

#### LOW SAPS

Fully synthetic, ultra high-performance 'low saps' 0W-30 engine oil for the latest Peugeot and Citroën engines. Meets the PSA B71 2312 specification for the new Euro 6 PSA engines. Offers optimal detergency to keep the engine clean. Low viscosity ensures maximum protection during cold start and fuel efficiency along the 30.000 km drain interval. Backwards compatible to PSA B71 2290 for broad applicability in PSA cars. Also recommended for cars requiring an ACEA C2 oil with 0W-30 viscosity grade. PERFORMANCE LEVEL ACEA C2 PSA B71 2312 RECOMMENDED FOR USE Fiat 9.55535-GS1

Fiat 9.55535-DS1



# EUROL ULTRANCE FDE 0W-30

MID SAPS

Fully synthetic high-performance 'mid saps' engine oil, especially for the most recent Ford diesel engines. Provides an extremely stable lubricant film quickly at the cold start and offers high thermal stability under heavy duty operating conditions. Offers optimum dispersancy and detergency, keeping the engine clean. Provides maximum protection against rust and corrosion, while special additives keep all parts free from dirt, sludge and deposits.

APPROVED STJLR.03.5007 PERFORMANCE LEVEL ACEA C2 Ford WSS M2C-950A

#### **CODE E100025**



# EUROL ULTRANCE VA 0W-30

**FULLY SYNTHETIC** 

Eurol Ultrance VA 0W-30 is a long-life, 'full saps' technology, fully synthetic based oil formulation. Eurol Ultrance VA 0W-30 enables the engine to perform under all operating conditions (motorway and urban traffic) due to its special additive package. Eurol Ultrance VA 0W-30 is providing excellent performance in piston cleanliness, in reducing the formation of sludge and in keeping the turbocharger clean.

APPROVED VW 508.00 / 509.00 PERFORMANCE LEVEL VW TL 52577 Porsche C20

#### **CODE E100158**



### EUROL SYNTENCE LV 0W-20

**FULLY SYNTHETIC** 

Eurol Syntence LV 0W-20 is a longlife PAO-based oil formulation with a universal applicability in gasoline and diesel engines for specific Volkswagen, Audi, Skoda, Seat vehicles requiring the VW 508.00/509.00 specification. Eurol Syntence LV 0W-20 enables the engine to perform under severe driving conditions (motorway and urban traffic) due to its special additive package. Also improved fuel economy (> 4% benefit when compared to a SAE 15W-40 reference oil) and exhaust emission reduction can be obtained with this product.

PERFORMANCE LEVEL API SL ACEA A5/B5

APPROVED Volvo VCC 95200377

RECOMMENDED FOR USE API CF

**CODE E100159** 





#### **FULLY SYNTHETIC**

Fully synthetic high-performance oil for use in gasoline, LPG and diesel engines of passenger cars and light duty commercial vehicles (especially VAG group), equipped with particulate filters. Suitable for extended drain intervals (up to 30.000 km for gasoline and 50.000 km for diesel engines). Developed with Eurol OPT additive technology, containing less phosphorus, sulphur and sulphated ash. This prevents the exhaust gas aftertreatment system from blocking, increasing its service life. Exceeds challenging VW fuel efficiency performance limit by 10% (VW PV 1451 fuel efficiency test, part of the VW 504.00/507.00 specification).

APPROVED VW 504.00 VW 507.00

PERFORMANCE LEVEL ACEA C3 BMW Longlife-04 Porsche C30

RECOMMENDED FOR USE VW 503.00 VW 506.01

#### **CODE E100016**

#### PASSENGER CAR



### EUROL SYNTENCE 5W-30

MID SAPS

Eurol Syntence 5W-30 is a fully synthetic engine oil for use in gasoline, LPG and diesel engines of passenger cars and light duty commercial vehicles, equipped with soot filters (to meet Euro-4 exhaust emission regulations). This product has been especially developed for passenger cars and light duty commercial vehicles of the VAG group (Volkswagen, Audi, Seat and Skoda) and is suitable for very long drain intervals (up to 30.000 km for gasoline and 50.000 km for diesel engines).

APPROVED
VW 504.00
VW 507.00
MB 229.51
BMW Longlife-04
PERFORMANCE LEVEL
API SN
ACEA C3

Porsche C30

RECOMMENDED FOR USE Fiat 9.55535-S3

Exceeds challenging VW fuel efficiency performance limit by 10% (VW PV 1451 fuel efficiency test, part of the VW 504.00/507.00 specification).

#### **CODE E100062**



# EUROL EVOLENCE 0W-20, 0W-30, 5W-20, 5W-30, 10W-30

MID SAPS

Fully synthetic engine oil based on mid saps technology for gasoline passenger cars where API SN(-RC) (as well as SJ, SL and SM) or ILSAC GF-5 (as well as GF-2,-3 and-4) is prescribed. It meets the most stringent 2010 U.S. standards for engine wear protection. It is compatible with E85 ethanol containing gasoline fuels. Evolence is suitable for hybrid cars from Toyota, Honda and Lexus and can be used where GM dexos1, GM 6094M or Chrysler MS 6395 is prescribed.

CODE E100128, E100129, E100130, E100131, E100132

APPROVED
API SP
API SN Plus
API SN Plus RC
(E100132)
GM dexos 1 Gen 2
(E100130, E100131)
ILSAC GF-6A (E100131)

PERFORMANCE LEVEL

API SP-RC

**ILSAC GF-6A** 

RECOMMENDED FOR USE
API CF
GM Dexos 1
Chrysler MS 6395
Ford WSS-M2C-947A
Ford WSS-M2C945-A (E100130)

Ford WSS-M2C930-A (E100130) Ford WSS-M2C946-A (E100131,

E100132)

Fiat 9.55535-CR1 (E100130) Chrysler MS 6395 (E100130,

E100131)

GM 6048-M (E100130) GM 6049-M (E100131, E100132) Honda HTO-06 (E100131)

# EUROL ELANCE 5W-30



Eurol Elance 5W-30 is a fully synthetic high-performance engine oil for gasoline and diesel vehicles. Eurol Elance 5W-30 has low sulphated ash contents and also low levels of phosphor and sulphur (so called "mid saps" technology). Eurol Elance 5W-30 fulfills the requirements of Renault RN17 and can also be used where RN0700 and RN0710 are prescribed.

APPROVED
API SN
GM dexos 2
PERFORMANCE LEVEL
ACEA C2
ACEA C3
VW 505.01
MB 229.51
MB 229.52
MB 229.31
BMW Longlife-04
VW 505.00
0V0401547

RECOMMENDED FOR USE Renault RN0700 / 0710 Renault RN17 Dexos D





# **EUROL ELANCE FE** 5W-30

**FULLY SYNTHETIC** 

Eurol Elance FE 0W-20 is a full synthetic mid SAPS engine oil, especially formulated to meet the RN 17 FE specification. This oil is applicable to certain petrol engines as well as diesel engines (Euro 6d as from mid 2018) from Renault and Dacia. This engine oil is also suitable for vehicles where ACEA C5 is prescribed. Please note this oil is NOT backward compatible to other Renault specifications as RN 17, RN 17 RSA, RN 700, RN 710 and RN 720.

PERFORMANCE LEVEL ACEA C5 Renault RN17 FE



**BAG IN BOX** 



# EUROL EXCENCE 5W-30

**LOW SAPS** 

Fully synthetic engine oil recommended for cars and light duty commercial vehicles, where a fuel efficient engine oil is prescribed according to ACEA C1, such as Ford engines requiring Ford M2C-934A or 934B, as well as Mazda and Volvo engines where a low saps engine oil is prescribed. This oil is also suited to Euro-4 cars to prevent soot filter clogging. The oil has low levels of sulfated ash, phosphorus and sulfur, while maintaining additional fuel economy properties.

APPROVED
STJLR 03.5005
PERFORMANCE LEVEL
ACEA C1
Ford WSS-M2C934 B
JASO DL-1

#### **CODE E100059**



# EUROL FLUENCE FE 5W-30

MID SAPS

This oil is recommended for cars and light duty commercial vehicles for which a fuel economy oil according to ACEA A1/B1 or C2 is prescribed. It not only offers an extremely good protection during long drain intervals and extra fuel saving properties, it also fulfills the requirements for Euro-4 passenger cars to prevent from soot filter blocking. To achieve this, Fluence FE has low sulfated ash contents and also low levels of phosphorus and sulfur (mid saps technology).

PERFORMANCE LEVEL API SN ACEA A5/B5 ACEA C2 PSA B71 2290 Renault RN0700

RECOMMENDED FOR USE Fiat 9.55535-S1

#### **CODE E100069**



# EUROL FLUENCE DXS 5W-30

MID SAPS

Fully synthetic high-performance engine oil for gasoline and diesel engines in passenger cars and light duty commercial vehicles. The low-ash formulation is especially recommended for Opel and GM. This oil is suitable for the Euro 6 MB passenger cars and light duty commercial vehicles. This oil fulfills the requirements of GM Dexos 2 and can also be used where GM-LL-A-025 and -B-025 are prescribed.

APPROVED
API SN
GM dexos 2
MB-Approval 229.52
MB-Approval 229.51
BMW Longlife-04
0V0401547

PERFORMANCE LEVEL API CF ACEA C3 VW 502.00 VW 505.01

MR 229 31

RECOMMENDED FOR USE VW 505.00 GM-LL-A-025 GM-LL-B-025 Fiat 9.55535-S3 Dexos D

#### **CODE E100076**



# **EUROL ACTENCE** 5W-30

MID SAPS

Fully synthetic engine oil developed for Renault gasoline and diesel engines equipped with catalytic converters, turbo charged engines and for direct fuel injection systems. It offers an extremely high protection over prolonged drain intervals. Especially recommended for cars where ACEA C4 is prescribed, to prevent soot filters from blocking. Actence provides a rapid and stable lubricating film at the cold start and a high thermal stability under heavy duty operating conditions.

APPROVED
Renault RN0720
PERFORMANCE LEVEL
ACEA C4
MB 229.51 / 226.51

#### **PASSENGER CAR**



# **EUROL ACTENCE RNT** 5W-30

MID SAPS

Fully synthetic high performance engine oil for gasoline and diesel vehicles. Provides maximum protection against rust and corrosion, while the used additive package keeps the engine clean and well lubricated. Eurol ACTENCE RNT 5W-30 provides an extremely stable lubricant film at the cold start and offers high thermal stability under severe driving operating conditions (motorway and urban traffic). The oil is able to flow and to lubricate critical parts, preventing wear and ensuring engine protection.

APPROVED
Renault RN17
PERFORMANCE LEVEL
ACEA C3

#### **CODE E100171**



# EUROL FLUENCE 5W-40

MID SAPS

A fully synthetic engine oil for gasoline and diesel engines in passenger cars and light duty commercial vehicles. Can be used in cars equipped with catalytic converters, turbo charged engines and direct fuel injection systems. The oil offers a high protection during long drain intervals. Especially recommended for passenger cars like MB, BMW and GM prescribing mid saps specifications to prevent soot filter blocking because of the low content of phosphorus, sulfur and sulfated ash.

APPROVED
API SN
MB-Approval 229.51
PERFORMANCE LEVEL
ACEA C3
VW 502.00
VW 500.00
VW 505.01
MB 229.31

MB 226.5

Porsche A40 Renault RN0710 Renault RN0700 GM dexos 2 Ford WSS-M2C917-A VW 505.00

#### **CODE E100054**



### EUROL TURBO DI 5W-40

MID SAPS

A fully synthetic engine oil primarily for turbocharged diesel engines in passenger cars and light duty commercial vehicles equipped with catalytic converter and/or soot filter. This oil is formulated for the VAG direct injection pump discharge nozzle technology (Pumpe Düse) where VW 505.01 engine oils are prescribed. It is also recommended for Ford Ka and Galaxy, (M2C-917A prescription) as well as MB and BMW cars to prevent their filters from blocking.

APPROVED
API SN
VW 505.01
VW 502.00/505.00
PERFORMANCE LEVEL
API CF
ACEA C3
MB 229.31
MB 226.5
BMW Longlife-04
Porsche A40
Renault RN0710
Renault RN0700

GM dexos 2 Ford WSS-M2C917-A RECOMMENDED FOR USE Fiat 9.55535-T2 Fiat 9.55535-S2 Fiat 9.55535-GH2

### CODE E100085



# EUROL SYNERGY 0W-30, 0W-40

**FULLY SYNTHETIC** 

A modern fully synthetic oil for cars with turbo charged engines, catalytic converters and direct fuel injection engines, without soot filter. This oil offers an extremely high oxidation stability and wear protection. Provides an extremely rapid and stable lubricating film at the cold start and maintains this film at high operating temperatures, while offering a high oxidation stability and wear protection. Both engine and oil stay clean, even after intensive and prolonged use up to 30.000 km.

APPROVED
API SL
API SN (E100064)
Volvo 95200356

PERFORMANCE LEVEL ACEA A3/B4 VW 502.00 MB 229.5 MB 229.3 Renault RN0710 Renault RN0700 VW 505.00 (E100067) BMW Longlife-01 (E100064) Porsche A40 (E100064)

CODE E100067, E100064



# EUROL ECOPOWER 5W-20

#### **FULLY SYNTHETIC**

Fully synthetic oil for the latest Ford EcoBoost engines. This oil can also be used in all gasoline vehicles where ACEA A1/B1 or API SN specification is prescribed, offering fuel efficiency due to low viscosity. Protects the engine from wear by providing a quick, stable lubricating film at the cold start and offering high thermal stability under heavy duty operating conditions. Protects against rust, corrosion, while specially formulated additives keep all parts free from dirt, sludge and deposits.

APPROVED
API SN
STJLR 03.5004
PERFORMANCE LEVEL
Ford WSS-M2C948-B

#### **CODE E100072**



# EUROL FORTENCE 5W-30

### **FULLY SYNTHETIC**

A fuel economy engine oil for gasoline, LPG and diesel engines in most Ford passenger cars and light duty commercial vehicles from 2012, as well as certain Jaguar models. The fully synthetic 5W-30 establishes an highly stable lubricating film within a short amount of time at the cold start and can also be used for all previous models for which Ford WSS-M2C-912A or 913A/B/C is prescribed. Further, this oil can be applied in all cars where ACEA A5/B5 or A1/B1 is recommended.

APPROVED Ford WSS-M2C913-D PERFORMANCE LEVEL API SN/CF API SL ACEA A5/B5 STJLR 03.5003

Renault RN0700

RECOMMENDED FOR USE Fiat 9.55535-G1 Fiat 9.55535-N1

#### **CODE E100065**



### EUROL SYNDURA 5W-40

#### **FULLY SYNTHETIC**

Syndura is specially designed for new Mercedes-Benz engines, gasoline or diesel, where Mercedes-Benz requires a MB 229.5 specification and extended drain intervals. The fully synthetic motor oil is also suitable many other gasoline and diesel engines in passenger cars and light duty commercial vehicles without particulate filter. This oil is advised for vehicles equipped with catalytic converters, turbo charged engines and for direct fuel injection systems to reduce oil and fuel consumption.

APPROVED
MB-Approval 229.5
BMW Longlife-01

PERFORMANCE LEVEL
API SN/CF
ACEA A3/B4
VW 502.00
MB 226.5
PSA B71 2296 / 2293
Porsche A40
Renault RN0710
Renault RN0700
VW 505.00

### **CODE E100084**



# EUROL SUPER LITE 5W-30, 5W-50

#### **FULLY SYNTHETIC**

Fully synthetic engine oil for gasoline and diesel engines, with or without turbo, in passenger cars and light duty commercial vehicles. For cars equipped with catalytic converters and direct fuel injection systems. It provides an extremely quick and stable lubricating film at the cold start and offers high thermal stability under heavy duty operating conditions. It offers good wear protection and protects against rust and corrosion, while special additives keep all parts free from deposits.

APPROVED
API SL
API SN/CF (E100093)

RECOMMENDED FOR USE API SN/CF ACEA A3/B4 VW 502.00 MB 229.3 Renault RN0710 Renault RN0700 VW 505.00

#### **PASSENGER CAR**



# EUROL SUPER LITE 5W-40

#### **FULLY SYNTHETIC**

Fully synthetic engine oil for gasoline and diesel engines, with or without turbo, in passenger cars and light duty commercial vehicles. For cars equipped with catalytic converters and direct fuel injection systems. It provides an extremely quick and stable lubricating film at the cold start and offers high thermal stability under heavy duty operating conditions. It offers good wear protection and protects against rust and corrosion, while special additives keep all parts free from deposits.

APPROVED
API SN
VW 502.00
MB-Approval 229.3
Renault RN0710
Renault RN0700
VW 505.00

PERFORMANCE LEVEL
API CF
ACEA A3/B4
PSA B71 2296 / PSA B71
2293
Porsche A40

MB 229.1
RECOMMENDED FOR USE
Fiat 9.55535-M2

GM-LL-B-025

Fiat 9.55535-H2

CODE E100092



# EUROL PLX 5W-30

### **FULLY SYNTHETIC**

PLX series is a range of fully synthetic engine oils for gasoline and diesel engines in passenger cars and light duty commercial vehicles. This oil can be applied for cars equipped with catalytic converters, turbo charged engines and for direct fuel injection systems. It provides a quick, stable lubricating film at the cold start and offers high thermal stability under heavy duty operating conditions. PLX offers fuel saving properties and can be mixed with both synthetic and mineral engine oils.

PERFORMANCE LEVEL API SN/CF

RECOMMENDED FOR USE ACEA A3/B4 VW 502.00 MB 229.3 Renault RN0710 Renault RN0700 VW 505.00

#### **CODE E100052**



### EUROL MAXENCE RC 10W-60

#### **FULLY SYNTHETIC**

A robust fully synthetic engine oil for passenger cars with special additives which make this oil tailored to race and rally applications. This oil rapidly builds a lubricating film, protecting all moving parts from wear, even under the most extreme operating conditions. The Maxence has an excellent thermal and oxidative stability and reduces combustion deposits, enabling a higher power-output while any deposits are reduced to a minimum and the oil viscosity stays in grade.

PERFORMANCE LEVEL API SN/CF ACEA A3/B4

RECOMMENDED FOR USE VW 500.00 MB 229.1 VW 505.00 Fiat 9.55535-H3

### CODE E100061



# EUROL TURBOSYN 10W-40, 15W-50

#### **SEMI-SYNTHETIC**

A semi-synthetic engine oil with a near-universal applicability in gasoline and diesel engines in passenger cars and light duty commercial vehicles. This oil provides a good lubricating film at the cold start and offers an excellent lubricating film at high operating temperatures as well. Because of the unique formulation, the oil has a low evaporation tendency while fuel saving as well as exhaust emission reduction can be obtained. The oil is temperature-stable and will maintain its quality level.

PERFORMANCE LEVEL API SL/CF ACEA A3/B4 (E100094) VW 501.01 (E100094) MB 229.1 (E100094) VW 505.00 (E100094) RECOMMENDED FOR USE VW 500.00 Fiat 9.55535-G2 (E100094) ACEA A3/B4 VW 501.01 VW 500.00 MB 229.1

VW 505.00 (E100039)



# EUROL TURBOCAT 10W-40, 15W-40, 20W-50

**SEMI-SYNTHETIC** 

Semi-synthetic engine oil for gasoline and diesel engines. Because of the high viscosity index, the oil assures an excellent cold start as well as a strong lubricating film at high temperatures. Because of the unique formulation, a low evaporation under severe operating conditions is guaranteed as the oil provides optimum protection against wear. Strong anti-corrosion and anti-foam characteristics as well as a high resistance against oxidation. This oil ensures a clean and reliable engine.

PERFORMANCE LEVEL API SL/CF MB 229.1 (E100021) RECOMMENDED FOR USE ACEA A3/B3 MB 229.1 VW 501.01

VW 505.00

CODE E100114, E100022, E100021



# EUROL SPECIAL 10W-30, 10W-40, 15W-40, 20W-50

**MINERAL** 

Mineral engine oil for gasoline, LPG and diesel engines formulated with shear-stable viscosity improvers to prevent viscosity loss over time. Because of this, a strong and stable lubricating film is guaranteed, even at high temperatures. Corrosion and sludge are reduced to a minimum, while anti-wear additives, blended with the high quality base oils, offer maximum protection for heavily loaded parts. Eurol Special Multigrades are especially suitable for older cars as running-in engine oil.

PERFORMANCE LEVEL API SF/CD

RECOMMENDED FOR USE MIL-L-2104D MIL-L-46152C

CODE E100060, E100010, E100020, E100040



# EUROL SUPREME CLASSIC 10W-40, 20W-50

**ZDDP FORTIFIED** 

Eurol Supreme Classic is a mineral engine oil specially developed for classic cars. This engine oil is specially fortified with Zinc dialkyldithiophosphates (ZDDP). This phosphorus-zinc compound provides additional protection of flat tappets and plain bearings. Eurol Supreme Classic is suitable for petrol and diesel engines from 1950 to 1994 without SCR (Selective Catalytic Reduction) or DPF (Diesel Particulate Filter) / GPF (Gasoline Particulate Filter).

RECOMMENDED FOR USE API SJ/SL ACEA A3/B4 MB 229.1

CODE E100256, E100257





# **HEAVY DUTY DIESEL ENGINE OILS**

Our heavy duty product line is highly specialized to cope with the extreme environments in which these diesel engines operate, the regional emission regulations, the available diesel fuel quality and the subsequent OEM engineering requirements. These products each have their unique characteristics and are specifically designed to optimize the performance of any commercial fleet.

#### **HEAVY DUTY DIESEL**



# **EUROL GEO-MAX SA** 15W-40

**LOW SAPS** 

Eurol Geo-Max SA 15W-40 is a premium mixed fleet engine oil for naturally aspirated and turbocharged fourstroke diesel and gasoline engines operating under severe service in a wide range of climatic conditions, delivering API CK-4 performance. Eurol Geo-Max SA 15W-40 is fully backwards compatible with API CJ-4, API CI-4+, CI-4 and previous.

APPROVED API CK-4 Volvo VDS-4.5 Mack EOS-4.5 Renault VI RLD-3 PERFORMANCE LEVEL API SN / CJ-4 ACEA E9 MR 228 31 **MAN M3275** Volvo VDS-4 Caterpillar ECF-3 CES 20081

Deutz DQC III-10 LA Ford WSS-M2C171-E MTU type 2.1 Detroit Diesel DDC 93K218 MAN M 3575

JASO DH-2 Ford WSS-M2C171-F Cummins CES 20086 Detroit Diesel DDC93K222 Mack EO-O Premium Plus **MAN 3775** 

RECOMMENDED FOR USE

ACEA E7

#### **CODE E100167**



# **EUROL GEO-MAX FE** 5W-30

**LOW SAPS** 

Fully synthetic UHPD 'long drain' engine oil for commercial vehicles based on 'low saps' technology. This entails that sulfur, phosphorus and sulphated ash concentrations are reduced radically to protect the exhaust gas after treatment systems. Geo-Max has fuel economy properties and, because of the special additive technology, in Euro IV, V and VI engines, the harmful exhaust gas emissions are reduced. It can also be applied in older trucks with Euro III

APPROVED Scania LDF-4 PERFORMANCE LEVEL API CJ-4

ACEA E4 ACEA E6 ACEA E7 ACEA E9 MB 228.51 **MAN M 3677 MAN M 3477** MAN M 3271-1 Volvo VDS-4

Scania Low Ash Renault RLD-3 Renault RI D-2 Caterpillar ECF-3 CES 20081 MTU type 3.1 MTU type 2.1 DDC PGOS 93K218 MAN M 3575 Mack EO-0 PP JASO DH-2 Deutz DQC IV-10-LA **MAN M3691** 

**CODE E100109** 



### **EUROL GEO-MAX** 10W-40

MID SAPS

A fully synthetic engine oil for modern trucks with radically reduced sulfur, phosphorus and sulphated ash concentrations to protect the exhaust gas after treatment systems. Geo-Max 10W-40 can also be used for engines without a diesel particle filter, such as older trucks with Euro-3 engines, where ACEA E4, Mercedes 228.5, DAF HP-2 and MAN 3277 are prescribed, as well Renault RXD when diesel with a low sulfur content is used.

APPROVED API CJ-4 MB 228.51 Volvo VDS-4 PERFORMANCE LEVEL

ACEA E4 / E6 / E7 / E9 MB 228.31 MAN M 3477 / 3271-1 Volvo VDS-3 Scania Low Ash Renault RLD-3 / RLD-2 Caterpillar ECF-3 CES 20081

MTU type 3.1 / 2.1 MB 235.28 **Detroit Diesel DDC** 93K218 MAN M 3575 Mack EO-0 PP Mack EO-N Premium

Plus JASO DH-2 Voith Class B Deutz DQC IV-10-LA RECOMMENDED FOR USE

DAF

# **CODE E100121**



# **EUROL GEO-MAX SA** 10W-30

MID SAPS

Eurol Geo-Max SA 10W-30 is a premium mixed fleet engine oil for naturally aspirated and turbocharged four-stroke diesel and gasoline engines operating under severe service in a wide range of climatic conditions, delivering API CK-4 performance. Eurol Geo-Max SA 10W-30 is formulated to address major North American and European OEM specifications needs for new engine hardware and operating conditions. Eurol Geo-Max SA 10W-30 has excellent wear, deposit, sludge and corrosion protection.

**CODE E100168** 

APPROVED API CK-4 Volvo VDS-4.5 Mack EOS-4.5 Renault VI RLD-3 RECOMMENDED FOR USE

PERFORMANCE LEVEL API CJ-4 ACEA E9 MB 228.31 Volvo VDS-4

Caterpillar ECF-3 Deutz DQC III-10 LA MTU type 2.1

Cummins CES 20086 Detroit Diesel DDC93K222 Ford WSS-M2C171-F1 **MAN 3775** 

API SN/CF ΔCFΔ F7 **MAN M 3275** CES 20081

Detroit Diesel DDC 93K218

MAN M 3575 Mack EO-0 PP JASO DH-2



# **EUROL MARATHOL FE** 5W-30

**LOW SAPS** 

Eurol Marathol FE 5W-30 is a fully synthetic engine oil, suitable for extended drain intervals, for commercial vehicles based on so called 'low saps' technology. This protects the exhaust gas aftertreatment systems. In Euro IV, V and VI engines, the harmful exhaust gas emissions are reduced. Marathol FE can also be applied in older trucks with Euro-3 engines, where Mercedes 228.5 or MAN 3277 is prescribed, as well Renault RXD in countries where diesel with a low sulfur content is used.

**APPROVED** API CJ-4/SN **MAN M 3677 MAN M 3477** MAN M 3271-1 Volvo VDS-4 / VDS-3 Scania Low Ash Renault RLD-3 / RLD-2 Mack EO-0 PP PERFORMANCE LEVEL ACEA E6 / E7 / E9 MB 228.51

Caterpillar ECF-3 **CES 20081** MTU type 3.1 Renault RGD Detroit Diesel DDC 93K218 Voith Retarder Class B Mack EO-N Premium Plus Mack EO-M Plus JASO DH-2 Deutz DQC IV-10-LA Scania LDF-4

#### **CODE E100120**



# **EUROL MARATHOL** 10W-40

**LOW SAPS** 

A full synthetic engine oil for commercial vehicles with the so called 'low saps' technology. Especially Mercedes (228.51) and MAN (M3477) have set up special standards for the oil to meet Euro-4 and Euro-5 emission regulations, including reduced sulfur, phosphorus and sulphated ash. For this reason, ACEA launched the E6 specification. Marathol can also be applied in older trucks with Euro-3 engines, Mercedes 228.5 and MAN 3277, as well as Renault RXD and DAF HP-2.

APPROVED MB-Approval 228.51 Volvo VDS-3 Renault RLD-2 Mack EO-N PERFORMANCE LEVEL API CI-4 ACEA E6

Renault RXD

ACEA E7 ACEA E9 MR 226 9 **MAN M 3477** MAN M 3271-1 Renault RXD **CES 20076** CES 20077 MTU type 3.1 Renault RGD DAF JASO DH-2

Deutz DQC TTCD, DQC

IV-18 I A

#### **CODE E100119**



# **EUROL SYNTRAX** 5W-30 CF UHPD

**FULLY SYNTHETIC** 

A fully synthetic engine oil meeting the so called UHPD (ultra high-performance diesel) demands suitable for heavy loaded diesel engines of trucks. This oil reduces corrosion and wear to a minimum during the extremely long drain intervals providing extra fuel saving properties. Syntrax can also be applied in Euro III and IV engines in commercial vehicles where ACEA E5 or E7 is prescribed. Because of the low viscosity, it provides a perfect cold start as evaporation loss is kept to a minimum.

APPROVED Volvo VDS-3 Scania LDF Renault RLD-2 Mack EO-N

PERFORMANCE LEVEL API CI-4 ACEA E4 / E7 MB 228.5

MAN M 3277 / M 3377 Volvo VDS-2 Renault RXD

Caterpillar ECF-2 CES 20076 / 20077 / 20078 Deutz DQC IV-10 Global DHD-1 MTU type 3 **MAN M 3377** Mack EO-M Plus JASO DH-1

#### **CODE E100116**



# **EUROL SYNTRUCK XLD** 10W-40

**FULLY SYNTHETIC** 

A fully synthetic extra long drain engine oil for use in commercial vehicles conforming to the latest demands. Due to its fuel saving properties, it is exceptionally suited for use in highly turbocharged engines used in trucks, buses and industrial vehicles. Because of the special additive technology, both the engine and engine oil are kept clean in an unprecedented way. The application of such long drain intervals depend on the OEM recommendation, operational use and used filtrationmethod.

**CODE E100122** 

APPROVED API CI-4 Volvo VDS-3 Scania LDF-3 Renault RLD-2 Mack FO-N

PERFORMANCE LEVEL **API CF** 

ACEA E4 ACEA E7 MB 228.5 **MAN M 3277** Scania LDF-2 Scania LDF Renault RLD Renault RXD Deutz DQC III-10 MTU type 3 DAF

#### **HEAVY DUTY DIESEL**



# **EUROL GLOBENCE** 10W-30

LOW SAPS

A semi-synthetic engine oil suitable for heavily loaded diesel engines and developed according to the latest oil consumption and exhaust emission regulations. It meets all quality requirements for European, American and Japanese diesel and gasoline engine oils. Globence amply fulfills the latest strict norms regarding American trucks with or without EGR and diesel particle filter. The quality of Eurol Globence is guaranteed during the full drain interval, regardless the type of engine.

**APPROVED** Renault RLD-3 Volvo VDS-4.5 Mack EOS-4.5 PERFORMANCE LEVEL API CJ-4 ACFA F9

MB 228.31 MAN M 3275 Volvo VDS-4 Caterpillar ECF-3 Caterpillar ECF-2 Caterpillar ECF-1-A **CES 20081** Deutz DQC III-10 LA MTU type 2.1 **MAN M 3575** Mack EO-0 PP **Cummins CES 20086** Detroit Diesel DDC93K222 **MAN 3775** 

RECOMMENDED FOR USE

**APLSN** 



# **EUROL GLOBENCE** 15W-40

**LOW SAPS** 

**CODE E100123** 

A semi-synthetic engine oil suitable for heavily loaded diesel engines and developed according to the latest oil consumption and exhaust emission regulations. It meets all quality requirements for European, American and Japanese diesel and gasoline engine oils. Globence amply fulfills the latest strict norms regarding American trucks with or without EGR and diesel particle filter. The quality of Eurol Globence is guaranteed during the full drain interval, regardless the type of engine.

APPROVED API CJ-4/SN MB-Approval 228.31 Volvo VDS-4 Renault RLD-3 Mack EO-0 PP

PERFORMANCE LEVEL **API CF** ACEA E9 Caterpillar ECF-3 Caterpillar ECF-2 Caterpillar ECF-1-A CES 20081

Deutz DQC III-10 LA MTU type 2.1 Detroit Diesel DDC 93K218 **MAN M 3575** Allison TES439

RECOMMENDED FOR USE ACFA F7





### **EUROL ENDURANCE LD** 10W-40

**SEMI-SYNTHETIC** 

Semi-synthetic UHPD engine oil enabling long drain intervals in commercial vehicles such as trucks, buses and industrial vehicles. This oil provides an excellent protection against bore polishing and has a superior oxidation and high temperature stability. It enables fuel economy due to excellent additive technology which keep both the oil and the engine clean in an unprecedently way during prolonged drain intervals, if allowed by the OEM and depending on working conditions and filtration methods.

APPROVED API CI-4 MB-Approval 228.5 Volvo VDS-3 Renault RLD-2 Mack FO-N

PERFORMANCE LEVEL

ACEA E4 ACEA E7 MB 228.5 **MAN M 3277** Volvo VDS-2 Scania I DF-2 Renault RXD **CES 20077** CES 20078 Deutz DQC III-10 MTU type 3 Mack EO-N Mack EO-M Plus RECOMMENDED FOR USE

Deutz DQC IV-10 **MAN M 3377** 

#### **CODE E100117**



SEMI-SYNTHETIC

A semi-synthetic engine oil particularly suitable for heavily loaded commercial vehicles as well as in gasoline, LPG and light loaded diesel engines, whether or not turbo charged and/or with catalytic converter and/or common rail systems. Fusion meets a great number of leading OEM specifications and therefore is a perfect multi-functional engine oil for a mixed fleet. Its synthetic base stocks provide an uncomplicated cold start, fuel saving and less oil consumption because of low evaporation loss.

Volvo VDS-3 Renault RLD-2 Mack EO-N PERFORMANCE LEVEL ACEA A3/B4 ACEA E7 Allison C-4 MB 235.27 MB 228.3 **MAN M 3275** Renault RLD

APPROVED

API SL/CI-4

Caterpillar ECF-2 Caterpillar ECF-1-A **CES 20077 CES 20078** Deutz DQC III-10 Global DHD-1 MTU type 2 **Detroit Diesel DDC** 93K215 **MAN M 3271** JASO DH-1 MB 229.1 Voith Class A

**CODE E100113** 



# EUROL DIESEL-GUARD 15W-40

**MINERAL** 

Eurol Diesel-Guard 15W-40 is a modern engine oil suitable for heavily loaded diesel engines with or without turbochargers and off-road equipment. Eurol Diesel-Guard 15W-40 can be used for application in Euro II, Euro III and Euro IV and some Euro V engines, when fuels with high sulphur contents are involved.

APPROVED
API CI-4/SL
MB-Approval 228.3
Volvo VDS-3
Renault RLD-2
Mack EO-N
PERFORMANCE LEVEL
ACEA E7
MAN M3275
Renault RLD
Caterpillar ECF-2
Caterpillar ECF-1-A

**CES 20076** 

CES 20077 CES 20078 Deutz DQC III-10 Global DHD-1 MTU type 2 Detroit Diesel DDC 93K215 Mack EO-M Plus

#### **CODE E100112**



# EUROL MULTIFLEET 10W-30, 15W-40, 20W-50

**MINERAL** 

Robust mineral engine oil especially suitable for mixed fleet applications with gasoline, LPG and lightly loaded diesel engines, whether or not turbo charged and/or with catalytic converter. Because of this broad applicability, this oil can reduce the stock level for the fleet owner and the retailer. This quality amply fulfils the strict norms regarding deposits on piston crowns, in top piston ring grooves and on the rest of the pistons. Furthermore, it has an excellent deterging capability.

CODE E100032, E100046, E100041

PERFORMANCE LEVEL
API SJ/CG-4 (E100032)
RECOMMENDED FOR USE
API SJ/CG-4 (E100046,
E100041)
API CF
ACEA A2
ACEA B3
ACEA E2
Allison C-4
MB 228.1

MAN 271 Volvo VDS MTU type 2 VW 501.01/505.00 (97) Mack EO/L

# EUROL BEDIGA 15W-40, 20W-50 MINERAL Eurol Bediga is a mineral e lubrication for older passe

Eurol Bediga is a mineral engine oil providing an optimum lubrication for older passenger cars and lightly loaded commercial vehicles equipped with gasoline or diesel engines. Engine parts are protected against wear, rust and corrosion. Special deterging additives keep rust particles and soot in dispersion. Due to the use of shear stable viscosity index improvers the viscosity will stay in grade, so that the oil continues to provide a strong lubricating film between the moving parts of the engine.

PERFORMANCE LEVEL
API SG/CF-4
RECOMMENDED FOR USE
MIL-L-46152 / 2104D

CODE E100125, E100045



# EUROL HDX SAE 30, SAE 40, SAE 50

**MINERAL** 

HDX is especially developed for light and heavy duty gasoline and diesel engines and also stationary engines. This oil is also suitable for diesel engines operating on diesel fuel with a higher sulfur content (up to 0.5%). It has strong detergent and anti-wear capabilities. This prevents carbon deposits on pistons, valves and in the combustion chamber. HDX meets API CF-2 which is required for Detroit Diesel engines and can be used as a transmission oil where a monograde oil is prescribed.

PERFORMANCE LEVEL
API SG/CF/CF-2
API CF-4
MB 228.1
MAN 271
Deutz DQC I-02
RECOMMENDED FOR USE
ACEA E2
MB 228.0
MAN 270

CODE E100271, E100272, E100273



# EUROL HDS SAE 10W, 20W-20

**MINERAL** 

Developed for light and heavy duty gasoline and diesel engines as well as stationary engines whether or not running on diesel fuel with a sulfur content up to 0.5%. The oil prevents carbon deposits on pistons, valves and in the combustion chamber. It has strong anti-wear, anti-corrosion and anti-foam characteristics, incorporating high oxidation stability to protect for oil thickening. HDS SAE 30 meets API CF-2 specification, which is especially required for Detroit Diesel engines.

PERFORMANCE LEVEL
API SF/CF (E101250)
MIL-L-2104D (E101250)
API CF-4 (E101260)
API SF/CD (E101260)
API CF-2 (E101260)
API CF (E101260)
API CF (E101260)
MB 228.1 (E101260)
MB 228.1 (E101260)
MAN 271 (E101260)
Deutz DQC I-02 (E101260)
MIL-L-2104D (E101260)

RECOMMENDED FOR USE Ford WSS-M2C153-D MIL-L-46152C GM 6049-M GM 6048-M

CODE E101250, E101260



# EUROL HDS SAE 30, SAE 40

**MINERAL** 

Developed for light and heavy duty gasoline and diesel engines as well as stationary engines whether or not running on diesel fuel with a sulfur content up to 0.5%. The oil prevents carbon deposits on pistons, valves and in the combustion chamber. It has strong anti-wear, anti-corrosion and anti-foam characteristics, incorporating high oxidation stability to protect for oil thickening. HDS SAE 30 meets API CF-2 specification, which is especially required for Detroit Diesel engines.

PERFORMANCE LEVEL
API CF-4
API SF/CF
API CF-2
ACEA E2
MB 228.1
MAN 271
Deutz DQC I-02
MIL-L-2104B
MIL-L-46152B

RECOMMENDED FOR USE CCMC G2/D1

#### CODE E101270, E101275



# EUROL MONOGRADE SAE 30, SAE 40

MINERAL

Especially developed for light and heavily loaded gasoline and diesel engines, whether turbocharged or not. The product is also suitable for stationary engines. The strong detergent and dispersant capabilities assure the prevention of combustion deposits on pistons, valves and in the combustion chamber. It provides optimal protection against wear, corrosion, sludge and foam building. Even at high temperatures the product stays stable and prevents from oil thickening.

PERFORMANCE LEVEL
API SF/CD
MIL-L-2104B (E101230)
MIL-L-46152B (E101230)
RECOMMENDED FOR USE
CCMC G2/D1

CODE E101220, E101230



# **TRACTOR OILS**

Agricultural and earthmoving equipment need to perform at the highest level. An up to date range is essential. Our range includes Eurol Altrack oils (STOU) for simultaneous lubrication of the engine, transmission and hydraulics. Eurol UTTO oils are suitable for transmission and hydraulics. For the specific lubrication of the tractor engines SHPD oils are suitable.

#### TRACTOR OILS



# EUROL ALTRACK 10W-40 STOU

**SEMI-SYNTHETIC** 

The Altrack 10W-40 is a universal, multi-grade tractor oil (Super Tractor Oil Universal) and is especially developed for application in the engine, transmission and hydraulic system. It can be used all year round in tractors equipped with oil immersed disc brakes (so called 'wet brakes'). It offers a perfect protection against corrosion, oxidation and wear under extremely high loads, which occur in transmissions.

PERFORMANCE LEVEL
API CG-4/SF
API GL-4
Allison C-4

ZF TE ML 06B/06C/06R/07B Case MS 1206, MS1209

MB 228.1 Ford WSS-M2C159-B/C

MF M1145 MF M1144 MF M1143 MF M1139 MF M1135

Ford NH 82009201/2/3 Ford WSS-M2C134-D John Deere J20C, J27 NH 024 C

NH 030 C NH 410 B NH 420 A

RECOMMENDED FOR USE MII -I -2105

#### **CODE E105082**



**MINERAL** 

This Altrack serie is a range of universal, multi-grade tractor oils (Super Tractor Oil Universal) and is especially developed for application in the engine, transmission and hydraulic system. It can be used all year round in tractors equipped with oil immersed disc brakes (wet brakes). It offers a perfect protection against corrosion, oxidation and wear under extremely high loads.

PERFORMANCE LEVEL
API CG-4/SF
API GL-4
ACEA E3
Allison C-4
MF M1135, MF M1139,
MF M1143, MF M1144,
MF M1145
ZF TE ML
06B/06C/06R/07B
Case MS 1206, MS1209
MB 228.1 (E105075)

MB 227.1 MIL-L-2104D Ford WSS-M2C159-B/C MIL-L-46152C Ford NH 82009201/2/3 Ford WSS-M2C134-D John Deere J20C, J27 NH 030 C, NH 024 C, NH 410 B, NH 420 A Caterpillar TO-2 FNHA-2-C201

RECOMMENDED FOR USE MIL-L-2105



#### **EUROL HYKROL CT FLUID**

LITTO

Hykrol UTTO series are especially developed for transmissions of combined bulldozer, tractor and other agricultural devices, fluid clutches, powersteering, hydraulic systems and torque converters. It has favourable friction characteristics and is therefore exceptionally suited for 'wet brake'- systems preventing so-called 'stick slip'. It has a high viscosity index, a very strong oil film and good EP- and anti-wearing properties, protecting against corrosion, oxidation and foam building.

PERFORMANCE LEVEL
API GL-4
Case MS 1207
CNH MAT 3505
ZF TE-ML 03F
Case MS 1210
Ford WSS-M2C41-B
Ford WSS-M2C48-C
IH B -6
John Deere J20D
Caterpillar TO-2



### **CODE E105825**

# EUROL HYKROL JD 68

UTTO



Hykrol UTTO series are especially developed for transmissions of combined bulldozer, tractor and other agricultural devices, fluid clutches, powersteering, hydraulic systems and torque converters. It has favourable friction characteristics and is therefore exceptionally suited for 'wet brake'- systems preventing so-called 'stick slip'. It has a high viscosity index, a very strong oil film and good EP- and anti-wearing properties, protecting against corrosion, oxidation and foam building.

ZF TE-ML 03E
ZF TE-ML 05F
ZF TE-ML 17E
ZF TE-ML 21F
ZF registration no.001971
PERFORMANCE LEVEL
API GL-4
Allison C-4
John Deere J20A, J20C
Case MS 1206, MS 1207,
MS 1210
CNH MAT 3525

**APPROVED** 

FNHA-2-C-201.00
MF M1145
MF M1143
MF M1141
MF M1135
Volvo WB 101
ZF TE-ML 06K
Ford WSS-M2C134-D
Caterpillar T0-2
RECOMMENDED FOR USE
Komatsu KES 07.866



# EUROL HYKROL PST 80

**UTTO** 

Hykrol UTTO series are especially developed for transmissions of combined bulldozer, tractor and other agricultural devices, fluid clutches, powersteering, hydraulic systems and torque converters. It has favourable friction characteristics and is therefore exceptionally suited for 'wet brake'- systems preventing so-called 'stick slip'. It has a high viscosity index, a very strong oil film and good EP- and anti-wearing properties, protecting against corrosion, oxidation and foam building.

PERFORMANCE LEVEL API GL-4 Allison C-4 Case MS 1205 MF M1139 / M1135 Ford WSS-M2C 86B/C MF M1127A Caterpillar TO-2

**CODE E105822** 

# EUROL HYKROL WB 102

**UTTO** 

An oil, especially developed for transmissions and hydraulic, oil-cooled brake and clutch systems, of agricultural, home gardening and industrial tractors. Because of the low pour point, this oil is especially suitable for cold climate conditions. It is suitable for modern disc brake materials and offers improved properties with regard to wear, oxidation, corrosion, foam-formation and viscosity properties at low temperatures when compared to regular UTTO products with the same viscosity grade.

PERFORMANCE LEVEL
API GL-4
Allison C-4
ZF TE-ML 03E/05F/06K
Case MS 1207 / 1206
CNH MAT 3525
MF M1145 / M1143 /
M1141 / M1135
Volvo WB 101
Case MS 1210
Ford WSS-M2C134-D
John Deere J20A / J20C
WR 102

Caterpillar TO-2



# EUROL POWERSHIFT LSA 10W

**MINERAL** 

Eurol Powershift LSA (Low Sulfated Ash) 10W is a highperformance drive line oil, developed for modern demanding "off-road" applications, as well as for trucks requiring a Caterpillar TO-4 or Allison C-4 performance specification. Eurol Powershift LSA 10W is blended from highly refined mineral base oils and a special for this application developed additive package. Because of these raw materials, the product offers excellent friction characteristics, wear protection and oxidation stability. APPROVED
ZF TE-ML 03C
ZF registration no.001917
PERFORMANCE LEVEL
Allison C-4
Caterpillar TO-4

Komatsu KES 07.868.1



**CODE E101249** 

# EUROL POWERSHIFT 30 TO-4, 50 TO-4

**POWERSHIFT** 

Powershift is a high-performance drive line oil, developed for modern demanding 'off-road' applications, as well as for final drives of equipment requiring a CAT TO-4 or Allison C4 specification. The oils are recommended for use in powershift transmissions, manual or automatic transmissions, final drives, hydraulic systems and 'wet brakes' in buses and trucks requiring an Allison C4 specification. Also for earthmoving equipment, agricultural applications and mining industry.

PERFORMANCE LEVEL Allison C-4 Caterpillar TO-4



CODE E101265, E101367













# **TRANSMISSION OILS**

Our programme of transmission oils contains fully synthetic, semi-synthetic and mineral oils. The 'Total Drive Line' oils are based on an advanced additives system providing great benefits compared to conventional technologies. With regards to the load of transmissions, these oils distinguish themselves by handling the larger forces on the transmissions more efficiently. Thanks to the trend of fuel economy and improved shifting properties, the new generations MTF (Manual Transmissions Fluids) oils make up the new standard.

#### TRANSMISSION OILS



# EUROL FULTRASYN 75W-90 GL-3/-4/-5

**TOTAL DRIVE LINE** 

A fully synthetic transmission/gear oil for both manual gearboxes and in final drives and where an API GL-3, -4 or -5 specification is required being fully compatible with synchromesh gearboxes. The unique formulation not only prevents wear, but also corrosion and foam building are minimized. At high temperatures, the oil is protected against thermal oxidation. Because of the excellent EP characteristics, viscosity drop caused by high loads is minimal, even at prolonged drain intervals.

PERFORMANCE LEVEL API GL 4/5 API MT-1

RECOMMENDED FOR USE MAN 342 type M3 MAN 341 Type E3 MB 235.8 ZF TE-ML 02B/05B/07A /12B/12/12N/16F/17B/1 9C/21B DETROIT DIESEL DFS93K219.01

Arvin Meritor 076-N

APPROVED

Mack GO-J IVECO MIL-PRF-2105E Volvo 97312 Scania STO 1:0 Renault (Note Technique B0032/2 Annex 3) DAF MAN 341 Type Z2 SAE J2360

Scania STO 1:1G

**CODE E110076** 



# EUROL FULTRASYN 75W-90 XLD

TOTAL DRIVE LINE

A fully synthetic transmission oil for both manual gearboxes and in final drives and where an API GL-4 or -5 specification is required being fully compatible with synchromesh gearboxes. The unique formulation not only prevents wear, but also corrosion and foam building are minimized. At high temperatures, the oil is protected against thermal oxidation. Because of the excellent EP characteristics, viscosity drop caused by high loads is minimal, even at prolonged drain intervals.

MAN 342 Typ S1 MAN 341 Typ Z2 Scania STO 2:0A FS Scania STO 1:1G PERFORMANCE LEVEL API GL-4/ GL-5/ MT-1 MAN 342 type M3 MB 235.8 ZF TE-ML 02B/ 05A/ 07A/ 12B/ 12L/ 12N/ 16B/ 16F/ 17B/ 19C/ 21A

**DETROIT DIESEL** 

DFS93K219.01 Arvin Meritor 076-N Mack G0-J IVEC0 MIL-PRF-2105E Volvo 97312 Scania STO 1:0 DAF SAE J2360 Renault

CODE E100180



# EUROL TRANSYN 75W-90 GL-4/-5

**TOTAL DRIVE LINE** 

A synthetic transmission/gear oil which can be applied in both manual gearboxes and in final drives, where an API GL-4 or -5 quality oil is prescribed. This product can reduce the stock of transmission oils, since it can be used for the complete drive line. The special additives help reducing fuel consumption. It can be used in synchromesh gearboxes and ensures easy and smooth shifting, showing excellent extreme pressure characteristics to cope with heavy loads and vibrations.

PERFORMANCE LEVEL
API GL 4/5
API MT-1
MIL-L-2105 B/C/D
ZF TE-ML 02B/05A/
07A/08A/12E/16B/
16C/16D/17B/19B/21A
Mack GO-J
MIL-PRF-2105E
Volvo 97310
Scania STO 1:0
DAF
MAN M 3343 Typ M

MAN 342 Type M2 MAN 341 Type Z2 RECOMMENDED FOR USE MB 235.1 MB 235.0 Arvin Meritor 076-N IVECO

**CODE E110075** 



# EUROL HPG 80W-90 TDL GL-4/-5

TOTAL DRIVE LINE

A mineral transmission oil that can be used in the entire drive line of cars, buses and trucks, where an API GL-4 or GL-5 specification is prescribed. It offers an excellent stability and a high protection level to gears and synchronizers in the entire drive line. The number of oils to keep in stock can thereby be reduced. The product has a good high temperature oxidation stability and offers a perfect solution for a mixed fleet as it can be used in summer and winter (starting from -25°C).

PERFORMANCE LEVEL
API GL-4/ GL-5/ MT-1
MAN 341 Type E2 /Z2,
342Type M-2
MB 235.0
ZF TE-ML 02B/ 05A/ 07A/
08/ 12E/ 12L/ 12M/ 16B/
16C/ 16D/ 17B/ 19B/ 21A
DAF GL-5/MIL-PRF2105E
Arvin Meritor 076-N
Mack GO-J
Iveco MIL-PRF-2105E

MIL-PRF-2105E Scania STO 1:0 Renault (Note Technique B0032/2 Annex 3) SAE J2360



# EUROL HPG 80W-140 TDL GL-4/-5

**TOTAL DRIVE LINE** 

Eurol HPG 80W-140 TDL is a universal transmission oil that can be used in the entire drive line of cars, buses and trucks, where an API GL-4 or GL-5 specification is prescribed. Offers an excellent stability and a high protection level to gears and synchronizers in the entire drive line. Due to the special formulation, many shifting problems are avoided and fuel consumption is reduced.

PERFORMANCE LEVEL
API GL-4/ GL-5/ MT-1
MIL-L-2105D
Arvin Meritor 076-N
Mack G0-J
MIL-PRF-2105E
Scania ST0 1:0
SAE J2360
ZF 05A/07A/12M/16D/17B

#### **CODE E110626**



# EUROL TRANSLUBE PD 75W-90 GL5

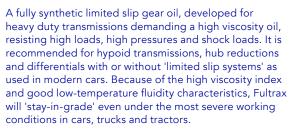
**SEMI-SYNTHETIC** 

Eurol Translube PD 75W-90 GL5 is a universal semisynthetic transmission/gear oil which can be applied in both manual gearboxes as well as in final drives, where an API GL-5 quality oil is prescribed. Eurol Translube PD 75W-90 GL5 can be used for the complete driveline. The product contains special additives reducing fuel consumption and eliminating shifting problems. Due to this unique formulation, not only wear but also corrosion and foam building are reduced to a minimum. At high temperatures the oil is protected against thermal oxidation. PERFORMANCE LEVEL
API GL-4/ GL-5/ MT-1
MIL-L-2105D
Arvin Meritor 076-N
Mack GO-J
MIL-PRF-2105E
Scania STO 1:0
SAE J2360
ZF05A/07A/12M/16D/17B

#### **CODE E110616**

# **EUROL FULTRAX** 75W-140 LS

**FULLY SYNTHETIC** 



PERFORMANCE LEVEL API GL-5 Ford WSS-M2C192-A Scania STO 1:0 BMW 83 23 9 407 870 BMW 80 23 2 282 583 GM/Opel GM 12346140

RECOMMENDED FOR USE MB 235.61



### CODE E110077

# EUROL MTF 75W-85 FE GL-5

**FULLY SYNTHETIC** 



A fully synthetic gear oil which can be used in final drives and manual transmissions where GL-5 quality is required. It offers a robust high load carrying capacity for an excellent absorption of sudden peak loads. The oil contains special friction modifiers, which ensure sustainable fuel saving and less heat development. At both very low and very high temperatures, adequate lubrication is ensured as well as protection against corrosion, wear, thickening and deposits.

APPROVED
MAN 341 Type Z4

PERFORMANCE LEVEL
API GL-4
MAN 341 Type E3
MB 235.4

MB 235.4
ZF TE-ML 01L
ZF TE-ML 02L
ZF TE-ML 08

ZF TE-ML 13 ZF TE-ML 16K Eaton Europe (300,000 km or 3 years) IVECO Volvo 97305 Renault (Note Technique B0032/2 Annex 3) DAF

RECOMMENDED FOR USE Volvo 97307

**CODE E110081** 

#### TRANSMISSION OILS



# **EUROL MTF** 75W-80 GL-5

**SEMI-SYNTHETIC** 

A semi-synthetic gear oil which can be used in final drives and manual transmissions where GL-5 quality is required. It offers a robust high load carrying capacity for an excellent absorption of sudden peak loads. The oil contains special friction modifiers, which ensure sustainable fuel saving and less heat development. At both very low and very high temperatures, adequate lubrication is ensured as well as protection against corrosion, wear, thickening and deposits.

PERFORMANCE LEVEL ΔPIGI-5 MIL-L-2105 B/C/D

RECOMMENDED FOR USE

Fiat

BMW 2300 7533 818 Alfa Romeo LANCIA Volvo 97308 VW 501 50

BMW 2300 1434 404 BMW 2300 7533 513 BMW 83 22 0 309 031

Renault

**CODE E110080** 

# **EUROL MTF** 75W GL-4

**SEMI-SYNTHETIC** 

A synthetic gear oil which can be used in final drives as well as manual transmissions. It is very well compatible with synchromesh and ensures very smooth shifting even at low temperatures. MTF contains special friction modifiers, which ensure sustainable fuel saving and less heat development. The oil ensures adequate lubrication at both very low and very high temperatures and protects against corrosion, wear, thickening and deposits. It is compatible with most elastomers and seal materials.

PERFORMANCE LEVEL ΔPI GI -4 MIL-L-2105

RECOMMENDED FOR USE VW TL 726 (G 052 726 A2/G 055 726 A2/G 060 726 A2/G 070 726 A2) VW G 052 512 (A2) VW G 052 178 A2 VW G 052 171 A1/A2



#### **CODE E110073**

# **EUROL HPX ZM** 75W-80 GL-4

**SEMI-SYNTHETIC** 

Synthetic 75W-80 transmission oil for longer drain intervals. It is suitable for use in both gearboxes and differentials with or without an intarder or retarder, requiring an API GL-4 gear oil. Due to its low pour point, shifting at low temperature is made easier, whereas the high viscosity index ensures proper lubrication at high temperature. Its fuel saving properties coupled with meeting the latest specifications for synchromesh rings allow for longer drain intervals.

APPROVED MAN 341 Type Z4 Performance level API GL-4 MAN 341 Type E3 MB 235.4 ZF TE-ML 01L ZF TE-ML 02L ZF TE-ML 08 ZF TE-ML 13 **7F TF-MI 16K** 

Eaton Europe (300,000 km or 3 years)

**IVECO** Volvo 97305 Renault (Note Technique B0032/2 Annex 3) DΔF

RECOMMENDED FOR USE Volvo 97307





# **EUROL HPX VC** 75W-80

**FULLY SYNTHETIC** 

Eurol HPX VC 75W-80 is a fully synthetic (PAO) lubricant developed specially for Voith retarders in commercial vehicles and busses. Has excellent viscosity temperature properties at very low temperatures. Especially suited for drain intervals up to a maximum of 300.000 km depending on application and according to manufacturer's instructions. Extended long oil drain intervals reduce maintenance costs and increase economy.

APPROVED Voith Retarder Class C PERFORMANCE LEVEL MAN 341 TYPE VR MB 235.29





### EUROL HPX FE 75W-80

**FULLY SYNTHETIC** 

Eurol HPX FE 75W-80 is a fully synthetic, universal gear oil which can be applied in manual gearboxes with or without a retarder or intarder where an API GL-4 specification is prescribed. Eurol HPX FE 75W-80 is recommended for i.e. Mercedes, MAN, IVECO, DAF, Volvo and Renault trucks. Eurol HPX FE 75W-80 is a relatively thin oil, enabling smooth shifting at low temperatures, partially due to a low pour point. Due to the high viscosity index, a good lubricity at high temperatures is guaranteed.

PERFORMANCE LEVEL
API GL-4
MAN 341 Z-5
ZF TE-ML 01E
ZF TE-ML 02E
ZF TE-ML 16P
Volvo 97307
MB 235.28
Voith Class B

#### **CODE E110078**



# EUROL HPG 75W-80 GL-5 CP

**MINERAL** 

Gearoil CP is a thin mineral transmission oil for manually shifted gearboxes of Citroën, Peugeot, Renault and Volvo. It provides excellent stability, very good anti-wear properties and a low foam tendency. The high viscosity index guarantees optimum lubrication under all operating conditions. The oil is inhibited with special anti-corrosion, antiwear and anti-oxidation additives. The excellent low temperature fluidity improves shifting at low temperatures and contributes to a lower fuel consumption.

PERFORMANCE LEVEL API GL-5 MIL-L-2105D ZF TE-ML 05A/07A/08A/ 12E/16B/16C/16D/17B/1 9B/21A MAN 342 Type M2

RECOMMENDED FOR USE PSA Peugeot Citroën B71 2330

#### **CODE E110072**



### EUROL HPG GL-5 LSD 80W-90

**MINERAL** 

Eurol HP Gear Oil LSD is an API GL-5 gear oil with special 'limited slip' inhibitors for hypoid drives and limited slip differentials. Eurol HP Gear Oil LSD contains additives for an optimum protection under heavy duty operating conditions and heavy shock loads. Because of the special friction characteristics, squeaking and/or vibrations are avoided. Moreover, the product has an excellent low temperature fluidity for an optimum performance during all seasons.

PERFORMANCE LEVEL
API GL-5
MIL-L-2105 B/C/D
RECOMMENDED FOR USE

ZF TE-ML 05C/12C/16E

**CODE E110634** 



# EUROL HPG LSD 2000P 80W-90

MINFRAI

Eurol HPG 80W-90 LSD 2000P is an API GL-5 gear oil with special 'limited slip' inhibitors for hypoid drives and limited slip differentials. Meeting the 2000 ppm phosphorus limit as required for Liebherr. Eurol HPG 80W-90 LSD 2000P contains additives for an optimum protection under heavy duty operating conditions and heavy shock loads. Because of the special friction characteristics, squeaking and/or vibrations are avoided. Moreover, the product has an excellent low temperature fluidity for an optimum performance during all seasons.

API GL-5 MIL-L-2105D RECOMMENDED FOR USE Liebherr ZF TE-ML 05C/12C/16E/21C New Holland-520B

PERFORMANCE LEVEL



# EUROL HPG GL-5 80W-90, 85W-90, 85W-140

#### **MINERAL**

High-performance Gear Oils are mineral gear oils, formulated according to the latest phosphor - sulfur technology, assuring an excellent protection against metal-to-metal contact of the gears under the most severe operating conditions, even under shock loads. The SAE 80W and 85W viscosity grades have excellent low temperature fluidity for an optimum performance during all seasons. Recommended for use in hypoid gears, hub reductions, gearboxes, PTO's and differentials where an API GL-5 is prescribed.

CODE E110630, E110635, E110640

PERFORMANCE LEVEL API GL-5 MIL-L-2105 B/C/D

RECOMMENDED FOR USE Mack GO-G (E110630) MAN 342 Type M1 (E110635) MB 235.0 (E110635) ZF TE-ML 05C/07A/12B/1 6B/16C/16D/16E/17B/19B /21A/21C (E110635) Volvo 97316 (E110635) Volvo 97310 (E110635) Voith 3.325-339 (E110635) DAF (E110635) ZF TE-ML 05A (E110640) ZF TE-ML 12E(E110640)



# EUROL HPG GL-5 LSD 85W-140

#### **MINERAL**

Mineral gear oil with special limited slip additives for hypoid drives and limited slip differentials. Because of the excellent friction characteristics, squeaking and/or vibrations are avoided. Moreover, the product has an excellent low temperature fluidity for an optimum performance during all seasons. Special friction modifiers make this oil suitable for limited slip differentials, also if equipped with multi-disc clutches, in passenger cars, commercial vehicles, tractors and earthmoving equipment.

PERFORMANCE LEVEL
API GL-5
MIL-L-2105 B/C/D
ZF TE-ML 05C/12C/16E

#### **CODE E110641**



# EUROL MPG GL-4 80W, 80W-90, 85W-140

#### **MINERAL**

The Multi-Purpose Gear oil series is formulated from paraffinic base stocks and additives, including EP (Extreme Pressure) additives according to the phosphor/sulfur technology. It is recommended for many types of manual gearboxes and final drives in passenger cars, buses and commercial vehicles and for which an API GL-4 transmission oil is prescribed. A smooth shifting is guaranteed for a long time. Furthermore, the SAE 80W and 80W-90 viscosity grades have an excellent low temperature fluidity.

CODE E110590, E110605, E110610

PERFORMANCE LEVEL
API GL-4
MIL-L-2105 (E110605, E110610)
MB 235.1 (E110590)
ZF TE-ML 06L/08/16A/17A/19A/19C (E110590)
MAN 341 Type Z2 / E1 (E110590)

RECOMMENDED FOR USE MIL-L-2105 (E110590)



Eurol Automatic Transmissions Fluids ensure comfortable driving and long-lasting assurance. Eurol has also brought brand specific ATF developments to the market, besides the so-called Multi-vehicle ATF, to meet the demands for fuel economy, low temperature properties and higher loads. There is a broad array on offer for automatic transmissions as well as Dual-clutch transmissions and CVT's.



#### **EUROL ATF 6700**

#### **SYNTHETIC**

A synthetic automatic transmission oil, which is especially developed for automatic gearboxes requiring low viscosity ATF. It ensures easy shifting under all operating temperatures because of the low pour point and the high VI. Because of the excellent oxidation and thermal stability, ATF 6700 keeps its unique properties, so it easily meets the prescribed drain intervals. A unique combination of synthetic base oils and state-of-the-art additives, guarantee all-round, easy shifting.

RECOMMENDED FOR USE
Aisin Warner AW-1
Bentley Oil PY112995PA
CHRYSLER 68157995AA
Fiat 9.55550-AV2 / AV5
Ford WSS-M2C924-A
GM Dexron VI
Honda ATF DW-1
HYUNDAI NWS-9638
Hyundai SP IV, SPH-IV
JAGUAR 02JDE26444
Jaguar Fluid 8432
JWS 3324 (ATF WS)
LAND ROVER LR023288

Land Rover TYK 500050
M-1375.4
Maserati 231603
Mazda FZ
MB 236.12 / 236.41
Mercon LV / SP
DSI H 6-SPEED TRANSM. (AT 3292)
Mitsubishi SP-IV & ATF J-2
Nissan Matic S
SAAB 93 165 147
Toyota Type WS (JWS 3324)
VW G 055 005 / 055 162 / 055 540 /
060 162
ZF Lifeguardfluid8

#### **CODE E113653**



# **FULLY SYNTHETIC**

A fully synthetic transmission fluid, especially developed for automatic transmissions of General Motors. It is also suitable for powersteering systems and some hydraulic systems where a good low temperature fluidity is required. The recommended top-up or refill fluid for automatic transmissions where DEXRON III or VI is prescribed. The DEXRON VI specification is especially developed for the new Hydra-Matic six-speed transmission in General Motors built in 2006 or later.

PERFORMANCE LEVEL
GM Dexron VI
GM Dexron III
MB 236.41
Mercon LV
Mercon SP
Toyota Type WS (JWS 3324)
BMW 83 22 0 397 114



#### **CODE E113657**

#### **EUROL ATF 7300**

#### **FULLY SYNTHETIC**

This fully synthetic automatic transmission oil is specially developed and mandatory for MB 7-speed NAG2FE+ automatic transmissions as from June 2010 requiring low viscosity ATF. Formulated with high quality synthetic base oils and the latest additives to guarantee a constant high level of its unique shifting properties during use. It offers a significant reduction of fuel consumption and CO2 emissions, not only due to tailored additives, but also due to the oils low viscosity.

RECOMMENDED FOR USE Allison C-4 Dexron IID Ford ESP-M2C166-H Ford M2C138-CJ Ford Mercon Voith 55.6335.xx (G607) Caterpillar TO-2



#### **CODE E113648**

### **EUROL ATF 7400**

# **FULLY SYNTHETIC**



Eurol ATF 7400 is a fully synthetic low viscosity automatic transmission oil with multi-vehicle applicability, specially tailored to meet the demands of the Mercedes Benz 9-speed NAG3 automatic transmission. Eurol ATF 7400 is formulated with high quality synthetic base oils to meet many European and Asian OEM specs, ensuring wide applicability. Eurol ATF 7400 offers a significant reduction of fuel consumption and CO2 emission due to tailored additives. Eurol ATF 7400 provides wear protection across the entire drain interval, keeping the transmission performing at its best.

Aisin Warner AW-1 Honda ATF DW-1 HYUNDAI NWS-9638 Hyundai SP IV, SPH-IV MB 236.12 MB 236.14 MB 236.15 MB 236.17 Mitsubishi ATF-PA Mitsubishi ATF-J3 Mitsubishi SP-IV Nissan Matic S

RECOMMENDED FOR USE

SAAB 93 165 147
Toyota Type WS (JWS 3324)
VW G 055 162
VW G 055 190
VW G 055 540
ZF Lifeguard 6
BMW 83 220 142 516
MB 236.41
Nissan Matic W
DSIH 6p805
JASO 1-A-LV



#### **EUROL ATF 4100**

#### **FULLY SYNTHETIC**

Eurol ATF 4100 is a fully synthetic automatic transmission fluid and particularly recommended for Chrysler automatic transmissions. This product is also suitable for powersteering systems and hydraulic systems, where an excellent low temperature fluidity is required. Eurol 4100 has a high and very stable viscosity index and offers a high resistance against mechanical demolition, corrosion and foam building. Moreover, it has good anti-oxidation and anti-wear properties. Eurol ATF 4100 has an extremely low pour point, allowing easy gear shifting at cold starts. Seals are not affected by this fluid.

PERFORMANCE LEVEL
Mopar ATF +3 (MS 7176E)
Mopar ATF +4 (MS-9602)
Mopar ATF+ (MS 7176)
Mopar ATF+2 (MS 7176D)
RECOMMENDED FOR USE
MS-9602

**CODE E113655** 



#### **EUROL ATF 1100**

#### **FULLY SYNTHETIC**

A fully synthetic automatic transmission oil, which is developed for American, Japanese and Korean automatic gearboxes. It is also suitable for most European automatic gearboxes. This multi-vehicle oil is a unique combination of synthetic base oils and state-of-the-art additives, which guarantees all-round, easy shifting. Special friction modifiers ensure that the friction characteristics will not change, even after a long time. It easily meets the drain intervals prescribed by the OEM.

RECOMMENDED FOR USE Allison C-4/TES 295/TES 389 ATF LT 71141 Dexron III H ETL 7045E Ford Mercon / Mercon V Ford WSS-M2C138-CJ Ford WSS-M2C166-H Ford WSS-M2C202-B GM Dexron III / IID Honda Z1 (except CVT) Hyundai/Mitsubishi SP, SP-II, SP-III & Dia Queen J2 Idemitsu K17 Isuzu besco ATF-II,ATF-III **JASO M 315 1A** 

JATCO 3100 PL 085 JWS 3309/3314/3317 MAN 339 Type Z1/V1 & Z2 Mazda M-III, M-5 MB 236.1 - 236.11 Mopar ATF +3 (MS 7176E) Mopar ATF +4 (MS-9602) Nissan Matic D. J. K Subaru K0410Y0700 Toyota /Lexus T, T-II, T-III, T-IV Voith G607/G1363 Volvo 1161540 / 97341 VW G 052 162 / 052 990 / 055 025 ZF TE ML 03D/04D/09X 11B /14B/17C Caterpillar TO-2

#### **CODE E113661**

#### **EUROL ATF III H**

#### **FULLY SYNTHETIC**

ATF developed for new (after 2003) and older transmissions of GM and Ford, as well as for many other brands. The fully synthetic formulation offers a substantial improvement in order to meet current ATF requirements, as the transmissions are more complex and have smaller oil contents. Not only oxidation and thermal stability are improved, also de-aeration is faster. The friction characteristics are improved to such an extent that the oil ensures easy shifting during the entire drain interval.

PERFORMANCE LEVEL Allison C-4 Ford Mercon Ford Mercon V GM Dexron IIIH MAN 339 Type V2 MB 236.6 Voith 55.6335 Volvo 97341 ZF TE-ML 04D/09/14B/16L/17C RECOMMENDED FOR USE GM/Opel 19 40 707 MAN 339 Type Z3 VW G 052 162 ZF TE-ML 02F/11B/14C

### CODE E113666



### **EUROL TRANSFLUID STF**

#### **SEMI-SYNTHETIC**

STF is a transmission oil which is especially developed for difficult shifting manual gearboxes where API GL-4 is prescribed, as well as for automatic transmissions. It enables easy shifting under all occurring temperatures and protects against unnecessary friction. Besides the good EP properties, the product also offers fuel saving properties. In many cases, also the noise of the gearbox is drastically reduced and shifting is smoothed.

PERFORMANCE LEVEL
API GL-4
MIL-L-2105
RECOMMENDED FOR USE
Allison C-4
ATF LT 71141

ATF LT 71141 BMW LT-2 GM Dexron IIIG GM Dexron IID MAN 339 Type Z1/V1 & Z2 MB 235.4/235.5/235.10 MB 236.1 - 236.11 Renault DPO autom. Transmission Voith G607/G1363, Renk Doromat VW G 052 162 A1/A2 ZF TE ML 03D/04D/05L/09/11A /11B /14B/17C Caterpillar TO-2



#### **EUROL ATF III G**

#### **SEMI-SYNTHETIC**

An automatic transmission fluid, especially developed for new (after 1997) and older (automatic) transmissions built by Ford and GM, as well as for many other brands. It is also suitable for powersteering systems, some hydraulic systems and for rotary air compressors where an excellent low temperature fluidity is required. An electronically controlled converter clutch (ECCC) test and a sprag wear test were added to IIIF to upgrade the DEXRON III to the latest demands.

PERFORMANCE LEVEL
Allison C-4
Ford Mercon
GM Dexron IIIG
MAN Typ Z1/V1
MB 236.1
Voith 55.6335
ZF TE-ML
02F/03D/09/11B/17C
ZF TE-ML 04D/14A
Caterpillar TO-2

RECOMMENDED FOR USE MAN 339 Type V2 MAN 339 Z-2 Volvo 97341

#### **CODE E113665**



#### **EUROL ATF III F**

#### **MINERAL**

ATF III F is a mineral based automatic transmission fluid, especially developed for automatic transmissions built by GM, Ford and many other manufactures. It is also suitable for powersteering systems, some hydraulic systems and for rotary air compressors where an excellent low temperature fluidity is required. The high viscosity index fluid offers resistance against corrosion and foam building. The product also has good anti oxidation and anti-wear properties.

APPROVED
ZF TE-ML 04D/14A
ZF registration no.000387

PERFORMANCE LEVEL
Allison C-4
Dexron III F
Ford Mercon
Caterpillar TO-2
Recommended for use
MAN 339 Type V2
MAN 339 Z-2
Volvo 97341

#### **CODE E113659**



#### **EUROL ATF II D**

#### **MINERAL**

ATF II D is an automatic transmission fluid for many older passenger cars, forklift trucks and buses of European, American or Japanese origin. It is also suitable for certain powersteering systems, torque converters, changegearboxes, fluid clutches and non complicated hydraulic systems. Due to an extremely low pour point, it ensures easy shifting at cold starts. Seals are not affected by this ATF and it will prevent sludge and deposit formation.

PERFORMANCE LEVEL
Allison C-4
Dexron IID
Ford WSS-M2C166-H
MAN Typ Z1/V1
MB 236.1
MB 236.5
MB 236.6
MB 236.7
MB 236.9
Mercon

Renk Doromat Voith 55.6335.xx (G607) ZF TE-ML 04D ZF TE-ML 09X ZF TE-ML 11A ZF TE-ML 14A

### CODE E113650

### **EUROL ATF 33 F/G FORD**

#### **MINERAL**



ATF 33 F/G is developed for certain, mostly older automatic transmissions of Ford, Borg Warner, Mazda, Toyota, Volvo and Saab, but is also recommended for a number of today's agricultural machinery. Next to these types of transmissions, this oil is also suitable for powersteering systems, torque converters and other hydraulic equipment where a Ford M2C-33 F/G oil is prescribed.

RECOMMENDED FOR USE SQM2-9007-AA John Deere J21A Volvo 97330 Ford WSS-M2C33-F/G



#### **EUROL DCF 1404**

#### **FULLY SYNTHETIC**

A fully synthetic oil for transmissions with a double clutch. The principle of the DCT is based on the use of two separate clutch-sets, one for the even and one for the odd gears. This transmission is further developed for use in cars of VAG, Mercedes, BMW, Volvo and the PSA group. A special oil, combining the extreme pressure capabilities of a manual transmission oil with the friction properties of an ATF, needs to be applied. It is composed to withstand the most extreme circumstances.

RECOMMENDED FOR USE BMW DCTF-1 Chrysler 68044345EA Ferrari TF DCT-F3 FFL-2, FFL-3, FFL-4 Fiat 9.55550-MZ-6 Ford WSS-M2C936-A MB 236.21 MB 236.24 MB 236.25 Mitsubishi Dia Queen SSTF-1 Porsche 000 043 207 30 Porsche 000 043 207 29 PSA 9734 S2 Renault BOT 450 EDC 6-Speed Volvo BOT 341 #1161838 VW G 052 182 VW G 052 529 BMW MTF LT-5

#### **CODE E113670**



#### **EUROL CVT 1304**

#### **FULLY SYNTHETIC**

A fully synthetic transmission oil for the lubrication of modern Continuously Variable Transmissions. It can be applied in all metal-belt CVT's, which are mentioned under Performance Level as it offers optimal protection of the transmission under every condition and prevents wear at the metal-metal contact points on the belts and pulleys. The oil is formulated to prevent air entry and foam building in order to guarantee optimum lubrication and a durable quality, even under ongoing pressure.

PERFORMANCE LEVEL
API GL-4
MIL-L-2105
RECOMMENDED FOR USE

Nissan R35 Special

Allison C-4
ATF LT 71141
BMW LT-2
GM Dexron IIIG
GM Dexron IID
MAN 339 Type Z1/V1
& Z2
MB 235.4/235.5/235.10
MB 236.1 - 236.11

Renault DPO autom. Transmission Voith G607/G1363, Renk Doromat VW G 052 162 A1/A2 ZF TE ML 03D/04D/05L/09/11A /11B /14B/17C Caterpillar TO-2

#### **CODE E113663**





## **MOTORCYCLE OILS**

From the early nineties onwards, Eurol has sponsored various motorcycle drivers. They attain great achievements thanks to the use of Eurol products. This long time experience in racing and motorsport results into a motorcycle range with high quality products suitable for everyday use. The Eurol motorcycle range includes mineral, semi synthetic and fully synthetic motorcycle oils. Modern motorcycles usually have the same oil lubricating the engine and the wet clutch. Motorcycle manufacturers require the oil to meet one of the JASO T 903:2011 standards based on the results of these clutch system friction tests. The Eurol 4T motorcycle oils all meet the stringent JASO MA2 specification, which means they are very suitable for a wet clutch.

#### **MOTORCYCLE OILS**



# EUROL SPORTBIKE 5W-40, 10W-40, 5W-50, 10W-50, 15W-50, 10W-60

**FULLY SYNTHETIC** 

Fully synthetic engine oil for modern motorcycles which contains a tailored ester technology to protect against wear, deposits, sludge and oxidation under all conditions. This oil can be used in MC transmissions where an API SF up to SM oil is prescribed for touring, racing and cross applications. Under the most severe operating conditions, air-absorption and foam building are minimised. Due to the special formulation, this oil offers excellent protection to gearboxes and wet disc clutches.

PERFORMANCE LEVEL API SN (E100102, E100070) API SM (E100102) API SL (E100102, E100081, E100184, E100183, E100082) JASO MA / MA2

APPROVED API SN (E100102, E100070) JASO MA2 (E100102, E100070, E100081, E100082)

PERFORMANCE LEVEL
API SM (E100102)
API SL (E100102)
API SN (E100081, E100184,
E100183, E100082)
JASO MA
JASO MA2 (E100184, E100183)

CODE E100102, E100070, E100081, E100184, E100183, E100082



## EUROL SPORTSCOOT 4T 10W-40

**SEMI-SYNTHETIC** 

Eurol SportScoot 4T provides excellent control on deposits, wear and oxidation. This product ensures enhanced engine protection for four stroke scooter engines operating under all conditions. Eurol SportScoot 4T has been tested extensively and it is formulated with carefully selected base oils (eg ester based) and special additives. Eurol SportScoot 4T is designed for 4 stroke scooters engines for which the manufacturers recommend API SJ/JASO MB specifications.

PERFORMANCE LEVEL API SJ JASO MB





## EUROL MOTORCYCLE 10W-40, 15W-50

**SEMI-SYNTHETIC** 

Semi-synthetic engine oil for 4-stroke motorcycles. Suitable for touring, racing and cross bikes and offers excellent protection against wear, deposits, sludge and oxidation. Oil-thickening and oil consumption are kept to a minimum. The sophisticated formulation offers an excellent protection to gearboxes where an API SF/SG or SL oil is prescribed. The oil does not contain friction modifiers and can be applied in wet disc clutches, preventing from slippery and sticking clutches.

APPROVED
JASO MA2 (E100097)
PERFORMANCE LEVEL
API SN (E100097)
API SM (E100097)
API SL
JASO MA/MA2

CODE E100097, E100185



## EUROL SYNRA 20W-50

**SEMI-SYNTHETIC** 

Synra is a semi-synthetic engine oil, especially developed for an optimal lubrication of 4-stroke Ducati motorcycles. The balanced additive package, together with the synthetic base stocks, guarantee perfect engine performance under all weather and driving conditions. It ensures a strong consistent lubrication under the most severe (racing) conditions. Because of high operating temperatures, volatility of the oil is kept to a minimum and the special oil thickener ensures a tough lubricating film.

PERFORMANCE LEVEL API SH API SJ API CF JASO MA JASO MA2



## EUROL SPORT TOURING 10W-40, 20W-50

**MINERAL** 

Mineral engine oil without friction modifiers especially developed for 4-stroke motorcycles. This oil can also be used in motorcycle transmissions where an API SF or SG oil is prescribed. It is suitable for touring, racing and cross applications, offering excellent protection against wear, deposits, sludge and oxidation under all conditions. Due to the sophisticated formulation, this oil offers excellent protection to gearboxes and wet clutches preventing from slipping and sticking clutches.

PERFORMANCE LEVEL API SJ JASO MA / MA2

CODE E100011, E100043

## EUROL 4T ROAD 10W-40, 10W-50, 20W-50

**MINERAL** 

Mineral engine oils without friction modifiers and especially developed for 4-stroke motorcycles. Suitable for touring, racing, as well as for cross applications, under all conditions

PERFORMANCE LEVEL API SJ JASO MA / MA2



CODE E100098, E100100, E100101

## EUROL TWINLUBE-FS 20W-50

SPECIALLY FOR HARLEY-DAVIDSON®

A modern, synthetic oil, especially developed as an 'overall lubricant' for robust HD V-Twin motorcycles. Guarantees a robust lubricating film, even at high temperatures and speeds. It assures perfect engine performances under all driving and weather conditions in touring, racing and long distance driving application. Because of the excellent shifting characteristics, it can also be applied in gearboxes, clutches (primary and secondary chain cases), whether or not integrated in the engine.

PERFORMANCE LEVEL API SJ JASO MA / MA2



**CODE E100376** 

## EUROL HARLEY 20W-50, 20W-60, SAE 50

SPECIALLY FOR HARLEY-DAVIDSON®

HD 20W-50 is especially developed for Harley-Davidson® motorcycles. This oil is formulated with carefully selected base stocks and high-performance additives, reducing oil consumption to a minimum. It withstands heavy shock loads and offers good protection against corrosion and oxidation, so wear is reduced to a minimum. In short: a robust oil for a perfect lubrication which enables the Harley-Davidson® to last for years.

PERFORMANCE LEVEL API SG JASO MA (E100380, E100360) JASO MA2 (E100380, E100360) PERFORMANCE LEVEL API SF/CF (E100380, E100360) API CD (E100360) MIL-L-2104B (E100380, E100360) MIL-L-46152B (E100380, E100360)

RECOMMENDED FOR USE CCMC G2/D1 (E100380, E100360)



CODE E100390, E100380, E100360

#### **MOTORCYCLE OILS**



#### **EUROL HARLEY 60**

#### SPECIALLY FOR HARLEY-DAVIDSON®

Eurol Harley 60 oil has especially been developed for Harley Davidson motorcycles. This oil is formulated with selected base stocks and additives, reducing oil consumption to a minimum.

PERFORMANCE LEVEL
API SF/CD
RECOMMENDED FOR USE
MIL-L-2104D
MIL-L-46152C

#### **CODE E100370**



## **EUROL LUBE FOR CHAIN AND GEAR**

## SPECIALLY FOR HARLEY-DAVIDSON®

Recommended for gear boxes working under high speed/ low torque and low speed/high torque conditions. This chain and gearbox lubricant is specially formulated to meet the requirements of Harley-Davidson® models XL and XR, from 1971 onwards. It is also recommended for many other brands, providing that no API GL-5 transmission oil is prescribed. The oil contains additives to protect against corrosion, oxidation and foam with great low temperature fluidity and strength at high temperatures.

PERFORMANCE LEVEL
API GI -4

#### **CODE E110023**



#### **EUROL LUBE FOR PRIMARY CHAIN**

## SPECIALLY FOR HARLEY-DAVIDSON®

Formulated for the lubrication of the primary chain case and the oil bath clutches. Even at extremely low temperatures, an optimal protection and a smooth cold start is guaranteed. Rust, corrosion and deposits are reduced to a minimum and water will be repelled. Developed for the lubrication of the Primary Chaincase of Harley-Davidson® models FL, FLT, FXR and FX with oilbatch clutch, from 1984. It is also suitable for application in ATV's and snowmobiles, for which such an oil is prescribed.

PERFORMANCE LEVEL
API SF

RECOMMENDED FOR USE
MIL-L-2104D
MIL-L-46152C

#### **CODE E110027**



## EUROL FRONTFORK SAE 5, SAE 10, SAE 15, SAE 20

#### FRONT FORK OILS

Front fork oils are blended from carefully selected paraffinic base oils with a low pour point and a high viscosity index. These are inhibited with very effective additives, ensuring an exceptional hydraulic springing and shock absorbing action. Scuffing and wear are reduced to a minimum, while a smooth movement is guaranteed. Seals are not affected by these products and they have a high thermal and oxidation stability and can be applied in a broad temperature range.

CODE E107980, E107100, E107010, E107020



### **EUROL AIR-FILTER FLUID**

Eurol Filter Oil is formulated from high quality raw materials, making this product suitable for foam filters of all brands, ensuring a free air supply without blocking.

## **EUROL AIR-FILTER CLEANER**

Eurol Air Filter Cleaner is a high-performance, solvent based cleaner, especially developed for thoroughly cleaning of foam filters. It removes dust, grease, (filter) oil and dirt.

CODE E803950, E803200



# EUROL CHAIN LUBE SPRAY ROAD & RACING

Eurol Chain Lube Spray Road & Racing is a chain spray with Triple-Tech additive technology, especially developed for chains rotating at high revolutions. The chain spray has a high resistance to fling-off, providing a long and durable lubrication of the chain. Moreover, it has an excellent penetrating ability, ensuring that the pins in the chain, as well as the bushings, receive proper lubrication, allowing for a supple chain, even after being subjected to high loads.

**CODE E701311** 



## EUROL CHAIN LUBE SPRAY CROSS & OFF ROAD

Eurol Chain Lube Spray Cross & Off Road is a chain spray with Triple-Tech additive technology, especially developed for chains operating in dusty or wet conditions. Eurol Chain Lube Spray Cross & Off Road has a high protection against wear, providing a long and durable protection of the sprockets and the chain.





## TWO STROKE OILS

Through years of experience, Eurol has become a specialist in small engines lubrication. Specially developed two stroke formulations provide oil products of superior quality offering perfect lubrication and maximum protection under all conditions. Therefore Eurol offers a wide range of fully synthetic, semi-synthetic, mineral and racing two stroke oils for scooters.

#### TWO STROKE OILS



#### **EUROL SUPER 2T FORMAX**

#### **FULLY SYNTHETIC**

Fully synthetic low-smoke 2-stroke oil which can be used in air and water cooled 2-stroke engines. Applicable in pre-mix and oil injection systems with both leaded and unleaded gasoline. Recommended for very heavily loaded 2-stroke engines in applications like race, cross, chain saws, jet ski and go-karts. In all these applications, the strong lubricating film stays intact, also at high temperatures. This results in an optimum lubrication and protection of cylinders, pistons and bearings.

PERFORMANCE LEVEL
API TC+
JASO FD
Piaggio Hexagon
ISO-L-EGD
TISI
Husqvarna 346
Husqvarna 242

#### **CODE E128433**



#### **EUROL TTX SUPREME**

#### **SEMI-SYNTHETIC**

A semi-synthetic oil, especially developed for air- and water-cooled 2-stroke engines, with or without a catalytic converter. The product is also very suitable for injection systems. Combustion chambers and scavenging ports are kept clean from deposits and protected against wear and corrosion. Spark plugs stay clean and perform as required. The TTX is easily mixed with gasoline to a homogeneous pre-mix. It prevents from scuffing and deposits on pistons and in the exhaust system while it reduces smoke.

PERFORMANCE LEVEL API TC JASO FD ISO-L-EGD TISI Husqvarna 346 Husqvarna 242

### **CODE E128425**



#### **EUROL TTX PROSCOOT**

## **SEMI-SYNTHETIC**

A semi-synthetic 2-stroke oil for the lubrication of air and water cooled 2-stroke engines of mopeds and scooters, with or without an injection system. It provides an optimum lubrication, also at high temperatures and heavy duty operating conditions, preventing deposits on spark plugs, pistons, inlet and exhaust ports as well as sticking piston rings. The Proscoot protects against wear and corrosion of all vital engine parts and it reduces exhaust smoke as it prevents pre-ignition or detonation.

PERFORMANCE LEVEL API TC JASO FD ISO-L-EGD TISI

## **CODE E128428**



## **EUROL SX SPORT 2 STROKE**

#### **MINERAL**

A top quality oil for lubrication of small air- and water-cooled 2-stroke engines with or without injection system, in motorcycles, scooters, pumps, lawn mowers and small generator sets. It mixes easily with unleaded gasoline. It prevents deposits on spark plugs and pistons, carbon deposits on inlet and exhaust ports, sticking piston rings and pre-ignition. SX Sport 2T protects engine parts against wear and corrosion, reduces outlet smoke as well as the risk of burning out the piston.

PERFORMANCE LEVEL JASO FB ISO-L- EGB



## **EUROL SR 2000 ROAD RACING**

#### 2T RACING

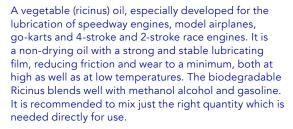
A fully synthetic 2-stroke oil, especially developed for tuned and water cooled racing engines of motorbikes and go-karts. The balanced additive package, in combination with the synthetic base stocks, guarantee optimum results under extreme racing conditions. The oil prevents sticking of the throttle valves in rainy weather. The special formulation keeps the engine clean and free from carbon deposits, even at high loads and temperatures.

PERFORMANCE LEVEL API TC+/TC JASO FC ISO-L-EGD

#### **CODE E128906**

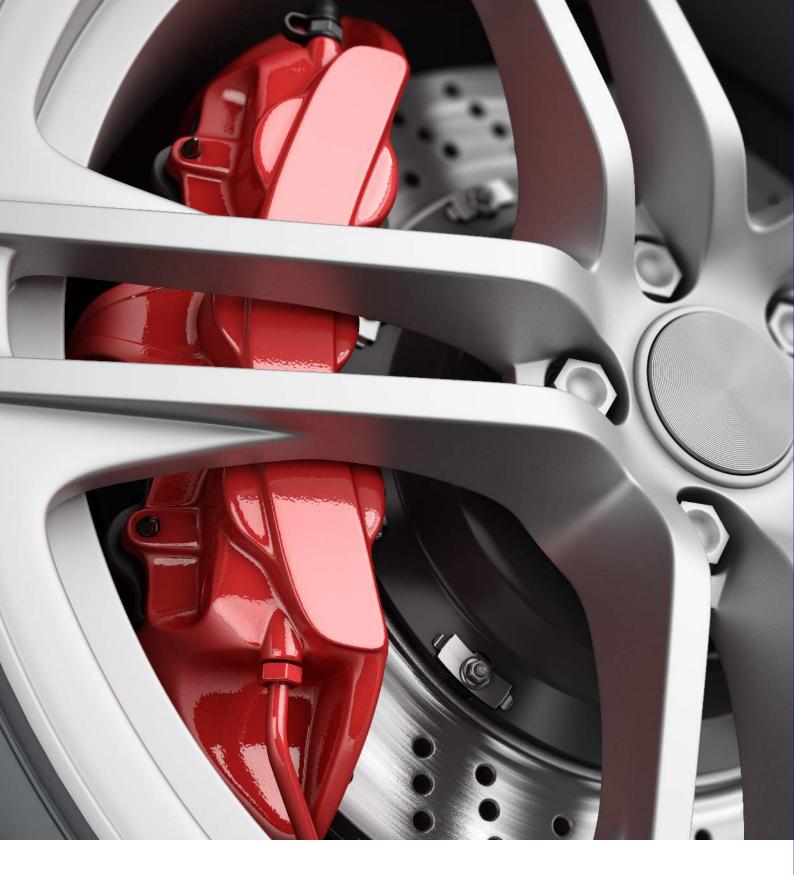
## **EUROL RACING 1 RICINUS**

#### 2T RACING









## **TECHNICAL FLUIDS**

Take a look at our varied range of technical fluids, which include brake fluids, powersteering fluids, battery fluids, airco oils, rust preventives and aerosols. All these products are based on top quality basic ingredients and ensure safe and reliable performance.

#### **TECHNICAL FLUIDS**



## EUROL BRAKE FLUID DOT 5 SILICONE

**BRAKE FLUIDS** 

Eurol Brake Fluid DOT 5 is a silicone brake fluid. The product has a broad temperature range and ensures optimum performance at low temperatures and a low toxicity. It helps to prevent corrosion and provides excellent lubrication to rubber seals and metals. It extends brake system life-cycle and will not affect paints. Therefore it can safely be used in hydraulic brake and clutch systems of cars, (racing) motorcycles, Harley-Davidson bikes, gokarts, old-timers and in industrial applications.

PERFORMANCE LEVEL FMVSS 116 DOT 5 MIL-PRF-46176B

**CODE E801550** 

# EUROL BRAKE FLUID DOT 5.1

**BRAKE FLUIDS** 

Eurol DOT 5.1 is recommended for ABS and ASR brake systems. Especially the low viscosity of this product compared to DOT 3 and DOT 4 brake fluids stands out very well in these systems. It has a high 'wet boiling point' by which the risk of vapour lock is strongly reduced. This is important when asbestos-free brake lining is used, which produces more heat during use. DOT 5.1 can be mixed with other synthetic brake fluids, meeting FMVSS 116 DOT 3, DOT 4 and DOT 5.1 specifications.

PERFORMANCE LEVEL FMVSS 116 DOT 5.1 ISO 4925 class 5.1 SAE J1703



**CODE E801500** 

## EUROL BRAKE FLUID DOT 4 LV

**BRAKE FLUIDS** 

Eurol DOT 4 LV is recommended for ABS and ASR brake systems. Especially the low viscosity, compared to the original DOT 4 brake fluids, stands out very well in these systems. The fluid is particularly suitable for new brake systems (including Opel Vectra C, VW Passat B6 and other modern cars built after 2004). These new systems are mostly characterized by thinner brake fluid lines. At low temperatures, these systems require a brake fluid with a lower viscosity to guarantee a rapid response time.

PERFORMANCE LEVEL FMVSS 116 DOT 4 ISO 4925 class 6 BMW/Mini 83 13 0 139 899 GM 19299570 Saab 93165410 SAE J1704 VW 501.14



**CODE E801410** 

## EUROL BRAKE FLUID DOT 4

**BRAKE FLUIDS** 

Eurol Brake Fluid DOT 4 is a high-performance product, especially developed for hydraulic brake systems of passenger cars, commercial vehicles, mopeds, scooters, forklift trucks and motorcycles in both drum brake and disc brake systems (with and without ABS/ASR). Due to the lubricity of this brake fluid, wear is reduced to a minimum. DOT 4 is stable and will not cause any deposits. Due to the low viscosity at low temperatures, the product guarantees excellent performance under cold climate conditions.

PERFORMANCE LEVEL FMVSS 116 DOT 4 ISO 4925 class 4 SAE J1704





## EUROL BRAKE FLUID DOT 4 RACING

**BRAKE FLUIDS** 

Eurol Brake Fluid DOT 4 Racing has a high 'wet boiling point' which prevents vapour lock at intensive braking. As a result, the safety and reliability of the brake system is increased substantially. However, it is very important to check and/or change brake fluids regularly. Due to the hydroscopic nature, all brake fluids will absorb moisture after some time, resulting in a lower wet boiling point and quality loss. Eurol Brake Fluid DOT 4 Racing provides maximum protection against rust and offers an optimum acceptance and transfer of heat.

PERFORMANCE LEVEL FMVSS 116 DOT 4 ISO 4925 class 4 SAE J1704



# EUROL BRAKE FLUID DOT 3

**BRAKE FLUIDS** 

Eurol DOT 3 is a high-performance product, developed for hydraulic brake systems of passenger cars, commercial vehicles, mopeds, scooters, forklift trucks and motorcycles in both drum brake and disc brake systems. The product will not affect seals, metals or alloys and has a high 'wet boiling point' which prevents vapour lock at intensive braking. As a result, the safety and reliability of the brake system is increased substantially. DOT 3 should not be used with ABS/ASR.

PERFORMANCE LEVEL FMVSS 116 DOT 3 SAE J1703



### **CODE E801300**

#### **EUROL POWERSTEERING FLUID C**

#### **POWERSTEERING**

Powersteering Fluid type C is a fully synthetic hydraulic fluid, especially developed for hydraulic systems like levelling systems and powersteering systems in tractors, passenger cars and commercial vehicles. Due to the high viscosity index and a very low pour point, the viscosity will hardly change under varying temperatures. Because of the high boiling point and the water resistance, the product can be applied for a long lasting and safe use when this type of fluid is prescribed.

PERFORMANCE LEVEL
Porsche 000 043 206 56
DIN 51524/3 (HVLP)
VW TL 52 146 (G002 000/
G004 000)
Volvo 30741424
ISO 7308
Hyundai 00232-19017
GM/Opel B 040 2012

RECOMMENDED FOR USE Ford WSS-M2C204-A/A1 GM/Opel 19 40 715/766 Porsche 000.043.203.33/ 000.043.206.56 Volvo 1161529/30741424 ZF TE-ML 02K MB 345.0 MAN M 3289





## **EUROL POWERSTEERING FLUID D**

#### **POWERSTEERING**

Powersteering Fluid type D is a mineral automatic transmission fluid (Dexron IID level) which can be used successfully as powersteering fluid and as an hydraulic oil. Powersteering Fluid D has a high thermal and oxidation stability and offers an extremely good protection against corrosion, wear and foam building. This guarantees a long life cycle for the oil and the equipment, without complications.

RECOMMENDED FOR USE Allison C-4 Dexron IID Ford ESP-M2C166-H / M2C138-CJ / Mercon Voith 55.6335.xx (G607) Caterpillar TO-2



#### **TECHNICAL FLUIDS**



## **EUROL POWERSTEERING FLUID A**

#### **POWERSTEERING**

Powersteering Fluid type A Suffix A is a powersteering fluid that can also successfully be used as a hydraulic or transmission oil. The high thermal and oxidation stability and offers an exceptionally good protection against corrosion, wear and foam building. This guarantees a long and uncomplicated life time of the oil and the equipment. Moreover the low pour point enables smooth shifting and steering at low temperatures.

PERFORMANCE LEVEL
ATF A SUffix A
ATF Dexron B
RECOMMENDED FOR USE
MB 236.2
Ford WSS-M2C41-A/B
MAN 339 Type A
Volvo 97325

#### **CODE E113680**



## **EUROL LDS FLUID**

#### **POWERSTEERING**

A synthetic hydraulic fluid, especially developed for powersteering systems, levelling systems and hydraulic (suspension) systems. This specific product is recommended for the Citroën HYDRActive 3 system because of its high viscosity index and a very low pour point. Because of the high boiling point and the water resistance, the product can be applied for a long lasting and safe use when this type of product is prescribed. The drain interval is 5 years or 200.000 km, which ever occurs first.

PERFORMANCE LEVEL DIN 51524/3 (HVLP) PSA S71 2710 (LDS)

### **CODE E113673**



#### **POWERSTEERING**

A mineral fluid, especially developed for brake, levelling and power steering systems of particularly Citroën. LHM Plus has a very high viscosity index. As a result, the viscosity hardly changes under influence of temperature fluctuations. It protects the system against oxidation. Because of the high boiling point and the water resistance, the product can be applied for a long lasting and safe use when this type of fluid is prescribed. LHM Plus cannot be mixed with 'DOT' brake fluids.

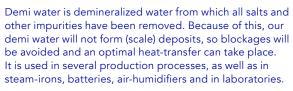
PERFORMANCE LEVEL PSA B71 2710 (LHM Plus)



## **CODE E108670**

### **EUROL DEMI WATER**

#### **DEMINERALIZED WATER**







#### **ADBLUE FROM EUROL**

#### **EURO 4 AND LATER**

Most of the heavy duty vehicles that meet the Euro 4, Euro 5 and Euro 6 legislation are equipped with a SCR-system (Selective Catalytic Reduction). Adblue from Eurol is a clear liquid, suitable for the treatment of exhaust gases in order to ensure to meet the emission standards. Currently SCR is applied more and more in passenger cars and vans in order to comply with emmission standards. By using Adblue from Eurol in the SCR-system, the NOx is converted to harmless water and nitrogen due to a chemical reaction. For proper functioning of your SCR system you must ensure that you only use high quality AdBlue.

**CODE E301200** 



#### **EUROL DIESEL TEST FLUID**

#### **CALIBRATION FLUIDS**

Eurol Diesel Test Fluid is developed for calibrating fuel pumps and nozzles of diesel engines. Formulated from a mineral oil, a solvent and an anti-corrosion additive, which is extremely suitable for emergency generator sets. Because of the anti-corrosion properties, treated parts show an immediate, faultless functioning, even after a one-year storage. It has an excellent resistance against ageing and has a low foaming tendency, meeting the requirements of injection-appliance manufacturers.

PERFORMANCE LEVEL
Daimler Benz 133
ISO 4113
Robert Bosch VS 15665
SAE J 967D

**CODE E802480** 



#### **EUROL METAL PROTECTION**

## **RUST PREVENTIVES**

Corrosion suppressing agent with water displacing properties. Eurol Metal Protection is recommended for corrosion protection of semi-manufactured and finished products of metal working operations. Eurol Metal Protection can be applied by immersion, by brush or spray gun. The product has water displacing properties.

**CODE E120555** 



## **EUROL ML INJECTION COATING**

#### **RUST PREVENTIVES**

Corrosion suppressing agent with water displacing properties. Eurol Metal Protection is recommended for corrosion protection of semi-manufactured and finished products of metal working operations. Eurol Metal Protection can be applied by immersion, by brush or spray gun. The product has water displacing properties.

#### **TECHNICAL FLUIDS**



#### **EUROL ML INJECTION WAX**

#### **RUST PREVENTIVES**

Injection Wax is a thin, water-repellent, durable, white/ transparent anti-corrosion product, formulated from mineral oils, paraffinic waxes and inhibitors. It protects over a prolonged time, even in a salty environment (e.g. shipping transport). Besides the anti-corrosion properties, the wax also has excellent water repellent and penetrating properties. The waxy film is resistant to high temperatures as found in engine compartments. It can be applied by spray gun or airless spray equipment.

#### **CODE E201201**



## **EUROL UBC BLACK**

#### **RUST PREVENTIVES**

The black Underbody Coating is a durable and fast drying anti-corrosion coating based on bitumen. The coating offers a lasting protection to the underbody of cars, trailers, caravans, storage tanks, boats and on repaired parts. It isolates against noise and has an excellent resistance against rust and the oxidating action of chemicals. UBC is applied by a suction gun or a drum suction gun. Do not apply more than 1-3 mm. Use in a well ventilated area. The product can be diluted with solvent.

### **CODE E201120**



#### **EUROL UBC BLACK OVERPAINTABLE**

## **RUST PREVENTIVES**

The overpaintable UBC black offers durable protection against rust for cars, caravans, storage tanks, and boilers. It not only protects metals against chippings, but also against corrosion and climatic influences. The product stays elastic at both high and low temperatures. It is soundproof (anti-rumble properties) and fast drying. It is applied with a screwed-on spray gun. When using 2K lacquers, it is recommended to start with a thin layer of primer.

#### **CODE E201140**



## EUROL UNDERBODY COATING SPRAY

#### **AFROSOLS**

Eurol Underbody Coating Spray offers protection underneath cars, trailers, caravans, boats and on repaired parts. Eurol Underbody Coating Spray has a soundproofing effect and has a good resistance against rust and the oxidation impact of chemicals.



#### **EUROL ML COATING SPRAY**

#### **AEROSOLS**

Eurol ML Coating Spray is a spray that contains a low solvent wax which provides a good protection against corrosion. Eurol ML Coating Spray has a good water repellent and penetrating properties. Eurol ML Coating Spray provides excellent protection against corrosion which makes it ideal for the inside of car doors, cavities in the vehicle and moving parts.

#### **CODE E701390**



## **EUROL BRAKE CLEANER SPRAY**

#### **AEROSOLS**

Eurol Brake Cleaner Spray is a special spray for a rapid and efficient degreasing and cleaning of brakes, brake linings, brake discs, engine parts, contacts points, spark plugs, chains and metals. Plastics should not be cleaned with this product.

### **CODE E701445**



#### **EUROL BIKE SHINE PROTECT SPRAY**

## **AEROSOLS**

Eurol Bike Shine Protect Spray cleans paint, chrome and aluminium. It provides a protecting film and rapidly and easily offers a shiny effect. Applicable for bikes, motorcycles, boats and cars.

## **CODE E701305**



## **EUROL ZINC PROTECT SPRAY**

#### **AEROSOLS**

Eurol Zinc Protect Spray is a high-quality spray with sprayable zinc compound (Zinc 98%). This spray has a galvanizing function which excellently protects untreated iron and steel against corrosion. Through its cathodic function, Eurol Zinc Protect Spray is very frugal, yet highly efficient.



#### **EUROL PTFE SUPER LUBE SPRAY**

#### **AEROSOLS**

Eurol PTFE Super Lube Spray is especially developed to reduce friction and wear. It is dirt and moisture repellent. Squeaking and creaking noises, caused by 'stick-slip' are prevented by Eurol PTFE Super Lube Spray. Moreover, it provides protection for cables, chains, derailleurs, gears, hinges, metals and plastics.

#### **CODE E701460**



## **EUROL CONTACT CLEANER SPRAY**

#### **AEROSOLS**

Eurol Contact Cleaner Spray is a powerful solvent cleaner for cleaning and degreasing of electrical components and other precision metal parts like sensors, relays and printboards. The spray is composed of inert and pure solvents so it does not affect on plastics and metals.

### **CODE E701465**



#### **EUROL PENETRATING OIL SPRAY**

## **AEROSOLS**

Eurol Penetrating Oil Spray quickly loosens rusted parts, thanks to the deep penetrating properties. It contains molybdenum disulfide for lubrication. Moreover, it contains active inhibitors to resist corrosion.

#### **CODE E701300**



## **EUROL MULTILUBE MD 50 SPRAY**

#### **AEROSOLS**

Eurol Multi Lube MD 50 Spray penetrates deeply, protects metals, makes sticky parts run smoothly and makes plastics become like new. Eurol Multilube MD 50 Spray removes oil, grease, tar and adhesives. It prevents from moisture penetrating into ignition parts, distributor and spark plug cables.



## **EUROL SILICONE MULTI SPRAY**

#### **AEROSOLS**

Eurol Silicone Multi Spray offers a unique lubrication. It keeps chains, derailleur hinges, locks, plastics and rubbers running smooth. It is dirt-repellent, makes water-tight, prevents from icing, corrosion and dry-out of rubber. The product is acid free and leaves a shiny, protective layer.

#### **CODE E701320**



## **EUROL COPPER GREASE SPRAY**

#### **AEROSOLS**

Eurol Copper Grease Spray is a multi-purpose sprayable grease with a wide temperature range that reduces wear on parts that are subjected to extreme pressure. It encounters pitting, thread deformation and galling due to corrosion and chemical exposure. Eurol Copper Grease Spray is formulated with a high quality bentonite grease with solid material copper.

### **CODE E701130**



#### **EUROL CERAMIC GREASE SPRAY**

#### **AEROSOLS**

Eurol Ceramic Grease Spray is a universally applicable assembly spray with excellent lubricity. Eurol Ceramic Grease Spray offers a durable protection against corrosion and harmful impact from outside. It will not be washed-off by water.

## **CODE E701123**



## **EUROL SKALA 05 LUBE SPRAY**

#### **AEROSOLS**

Eurol Skala 05 Lube Spray is a high-performance lubricant for heavy duty bearings and open gears. Bitumen-free and extremely suitable for roller and plain bearings. Due to the Zn-technology, developed by Eurol, this lubricant offers very good anti-corrosion and water-repellent properties.



## **EUROL VASELINE PROTECT SPRAY**

#### **AEROSOLS**

Eurol Vaseline Protect Spray forms an acid-free film, preventing from oxidation on battery-clamps, spokes and locks, as well as from corrosion on chrome parts. Eurol Vaseline Protect Spray keeps rubbers flexible.

#### **CODE E701380**



## **EUROL EGR CLEANER**

#### **AEROSOLS**

Eurol EGR Cleaner is developed for removing excess carbon deposits from the inside of EGR valves. These are installed in vehicles to reduce NOx emissions. If the EGR valve is stuck in the closed position, the engine will have excessive NOx emissions and automatically reduce power. The aerosol can be used for cleaning the EGR valve to smooth a rough idle or hesitant acceleration and to reduce knocking.

### **CODE E701120**



#### **EUROL WHITE GREASE SPRAY**

#### **AEROSOLS**

Eurol White Grease Spray is formulated from a highperformance lithium based grease, improved with PTFE. It provides durable lubrication of chains, hinges, springs, bearings, shafts and other moving parts. Eurol White Grease Spray is heat and corrosion resistant.

## **CODE E701420**



## **EUROL COCKPIT CLEANER SPRAY**

#### **AEROSOLS**

Eurol Cockpit Cleaner Spray cleans and protects the dashboard and other plastic parts in vehicles. This spray is silicone-free and has excellent cleaning and dirt repelling properties.



# EUROL CHAIN LUBE SPRAY ROAD & RACING

Eurol Chain Lube Spray Road & Racing is a chain spray with Triple-Tech additive technology, especially developed for chains rotating at high revolutions. The chain spray has a high resistance to fling-off, providing a long and durable lubrication of the chain. Moreover, it has an excellent penetrating ability, ensuring that the pins in the chain, as well as the bushings, receive proper lubrication, allowing for a supple chain, even after being subjected to high loads.

#### **CODE E701311**



# EUROL CHAIN LUBE SPRAY CROSS & OFF ROAD

Eurol Chain Lube Spray Cross & Off Road is a chain spray with Triple-Tech additive technology, especially developed for chains operating in dusty or wet conditions. Eurol Chain Lube Spray Cross & Off Road has a high protection against wear, providing a long and durable protection of the sprockets and the chain.

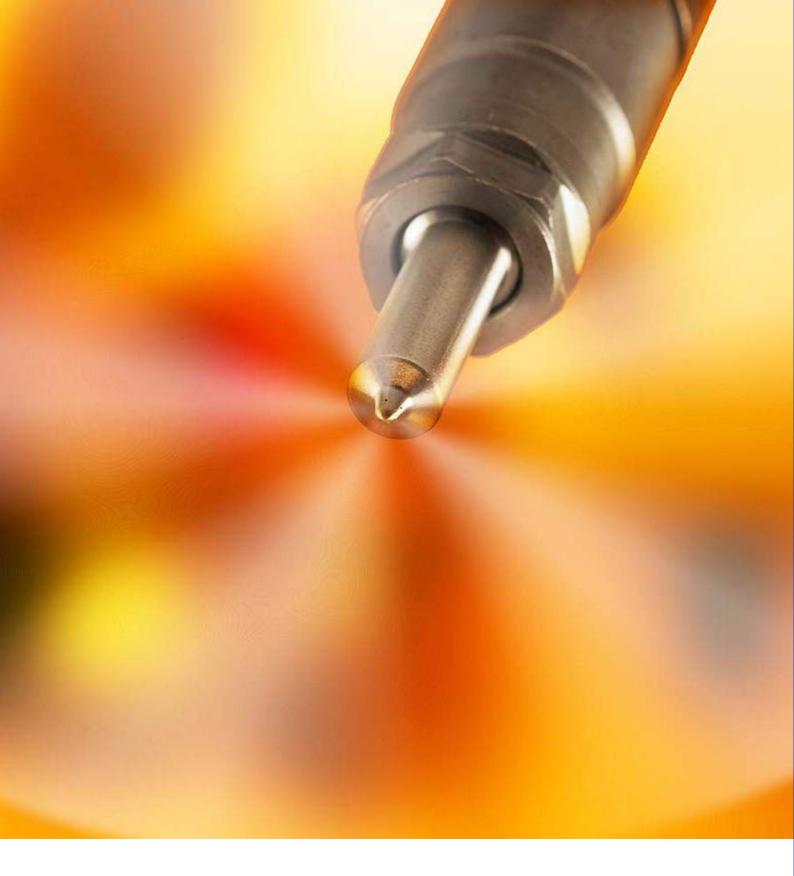












## **ADDITIVES**

Extensive research has preceded the development of the Eurol additive range, consisting of diesel and gasoline additives, engine and transmission oil additives and radiator additives. We have carefully selected the most effective additive components, followed by extensive testing in practice. The additives solve existing problems, but also work preventively.

#### **EUROL DIESEL INJECTION CLEANER**

**FUEL** 

Eurol Diesel Injection Cleaner consists of concentrated deposit control components that work to dissolve and remove harmful deposits from the fuel injectors, including carbon, varnish and gum deposits. Diesel Injection Cleaner is formulated to unclog dirty fuel injectors and restore overall engine performance. Additional benefits are reviving any lost power and improving acceleration, eliminating rough starts, smoothen rough idling, and reducing emissions through more complete combustion.

Up to 3% fuel economy



#### **CODE E802492**

## **EUROL DIESEL SYSTEM CLEANER**

FUEL

An additive formulated to remove deposits from the combustion chamber as well as the rest of the fuel system through the use of deposit control components. Recommended for use to achieve a significant fuel efficiency reduction, to keep the engine clean and running properly. It is suitable as a preventative measure against corrosion and condensation in the fuel tank. It should be added to the fuel tank before refuelling. For best results, use in two consecutive tanks or every 2.500 km.



#### **CODE E802493**

#### **EUROL DIESEL CLEAN DIRECT**

**FUEL** 

Formulated as a powerful one shot cure for hesitant diesel engines, to be added to either the fuel tank for a gradual clean-up or the fuel filter for an immediate effect as it will clean up dirt and deposits throughout the diesel fuel system. It is advised to be used if engine hesitation, rough idling, stalling or power loss is experienced. It will revive the entire fuel system, allowing the engine to run smoother and more efficiently. Also it will improve mileage and performance at high RPM.



## **CODE E802495**

## **EUROL DIESEL DPF CLEANER PLUS**

**FUEL** 



Eurol DPF Cleaner Plus is designed to enable the DPF to regenerate more easily when the diesel particulate filter has a higher-than-usual soot loading. Diesel engines are not designed for short trips or start-stop driving conditions. During short trips, a diesel engine does not get up to temperature and more soot is formed during combustion. DPFs clog up due to the quality of fuel, the quality of the engine oil, driving style or urban driving. A DPF equipped car is programmed to renegerate the DPF as soon as the exhaust gets hot enough to reach the DPF regeneration temperature, approximately 600°C.

Lowers regenerationpoint with 200°C

#### **EUROL PETROL INJECTION CLEANER**

**FUEL** 

Eurol Petrol Injection Cleaner is formulated to clean contaminated petrol injection systems, restore injector efficiency and improve fuel atomization. It removes carbon deposits and deposits from fuel lines, fuel distributors, injection and inlet valves. It can be used in vehicles equipped with a catalytic converter. Designed for a one shot application. After treatment, accelerating will be better and the engine will be quieter when idling.

Over 50% deposit reduction



#### **CODE E802511**

## **EUROL PETROL SYSTEM CLEANER**

FUEL

Eurol Petrol System Cleaner is an additive, formulated to rapidly clean the entire petrol fuel system. It is advised to be used if the engine suffers from power loss due to poor petrol quality. If the petrol quality is inconsistent, it can cause carbon deposit build-up, inefficient ignition and combustion and poor power output. It can also be used if poor quality fuel has been used over some time, to cure problems which have been accumulated during that period.



### **CODE E802512**

#### **EUROL PETROL OCTANE IMPROVER**

FUEL

Eurol Petrol Octane Improver is specially formulated to increase the research octane number (RON) of petrol. At the recommended dosage, the octane improver will raise the RON by 4 to 6 points. The engine will respond quicker to changes in throttle position and will feel more lively and, at constant speeds, the fuel economy will slightly increase. It prevents and eliminates pinging when the engine is operating in the high end of the RPM range and fuels' high speed knocking resistance is improved.

Improves RON with 4 to 6 points



## **CODE E802516**

## **EUROL RADIATOR SEALER**

**RADIATOR** 

Eurol Radiator Sealer protects from leaks in the head gasket, heater core, radiator, heater matrix, freeze plug and water pump casing. The sealer postpones a radiator repair up to one year and can be applied in liquid cooled engines of cars, motorbikes, commercial vehicles and agricultural machinery. It can also be applied as preventive action to ensure a good condition of the cooling system. No draining or flushing of the cooling system is required.



#### **EUROL MOTORCYCLE FUEL TREAT**

**FUEL** 

Eurol Motorcycle Fuel Treat protects your petrol powered machine against gum, varnish, rust and corrosion throughout the fuel system. The additive prevents fuel degradation during seasonal or prolonged storage by improving the fuel oxidation stability. It protects against gelling, lacquering and corrosion in the fuel system. Stagnant petrol only keeps for approximately 3 months when it is left unprotected, all the while lowering the octane number (RON). Eurol Motorcycle Fuel Treat can prevent deterioration of petrol during seasonal or longer storage by improving oxidative stability.



#### **CODE E802810**

## **EUROL MOTORCYCLE INJECTION CLEANER**

**FUEL** 

Eurol Motorcycle Injection Clean cleans contaminated injectors and improves fuel spraying. It removes carbon deposits and pollution on fuel lines, fuel distributors and injection inlet valves. It provides better ignition and smooth running of the engine. Eurol Motorcycle Injection Clean is recommended for motorcycles with rough idling, that stumble due to dirty injectors (clogged injector nozzles) which are restricted due to fuel deposits. If the engine is having a hard time with tough starts or when the engine runs roughly, this additive is recommended as well.



### **CODE E802811**

#### **EUROL MOTORCYCLE OCTANE BOOST**

FUFL

Eurol Motorcycle Octane Boost increases the octane number in petrol with 4 to 6 points. When using Eurol Motorcycle Octane Boost, the engine will respond even quicker to changes in throttle position. The engine feels more alive and at a constant rate, fuel consumption will decrease. Eurol Motorcycle Octane Boost prevents engine pinging, provides extra power and lowers fuel consumption. operating in the high end of the RPM range. By adding Eurol Motorcycle Octane Boost, the high speed knocking resistance of the petrol is improved significantly.



#### **CODE E802812**

## **EUROL MOTORCYCLE SYSTEM CLEAN**

**FUEL** 

Eurol Motorcycle System Clean is advised to be used if you notice that the petrol quality is of inferior quality and the engine suffers from power loss. If the petrol quality is inconsistent, it can cause carbon deposit build-up, inefficient ignition and combustion and poor power output. Especially small, high output engines are extremely sensitive to deposits that build up in the combustion chamber and the fuel system. Eurol Motorcycle System Clean can also be used if poor quality fuel has been used over some time, to cure problems which have been accumulated during the use of lesser quality fuel. After using Eurol Motorcycle System Clean you can hear and feel a significant difference in how the engine runs.







#### TRANSMISSION STOP LEAK

 $\bigcirc$ II

Eurol Transmission Stop Leak swells and revitalizes seals and o-rings to stop leaks in automatic transmissions where ATF is used. Eurol Transmission Stop Leak prevents further leaks in order to avoid reduced transmission oil level as well as to avoid contamination of the soil or the ground water.



#### **CODE E802320**

#### **EUROL ENGINE FLUSH**

OII

Eurol Engine Flush is an additive developed to clean dirty engines, which will extend the life of an engine. After flushing an engine, both the throttle response and the acceleration will increase. It is added to the old fluid at operating temperature and is left to circulate through the engine. Engine Flush uses the old oil as a delivery mechanism where the additive gradually and thoroughly removes deposits from the engine, removing them from the engine by draining the old oil.



#### **CODE E802310**

#### **EUROL TRANSMISSION FLUSH**

OIL

Eurol Transmission Flush is developed to remove deposits from the cooling lines, cooler, torque converter and other transmission parts in order to achieve a clean transmission which will extend the life of a transmission. While not containing aggressive solvents, the flush effectively removes contaminants, debris and varnish while leaving the transmission unharmed. Eurol Transmission Flush is recommended for use at every transmission fluid change in 8L to 12L of transmission oil.



#### **CODE E802311**

### **EUROL ENGINE STOP LEAK**

OIL

Eurol Stop Leak is an additive developed to swell and revitalize seals and o-rings to stop leaks in diesel, LPG and petrol engines. It is compatible with all mineral and synthetic, single- and multigrade oils. It does not contain solvents or solids and does not only swell the seals but keeps them elastic too.



#### **EUROL VISCO OIL PLUS**

 $\bigcirc$ II

Eurol Visco Oil Plus is an additive developed to increase the viscosity of oil in diesel or petrol engines, with or without turbocharger. It is part of a preventative maintenance for old and high-mileage engines to provide maximum engine protection. When oil consumption is more than 1L every 1.000km or you anticipate driving in extremely high temperatures (35 - 50°C) like during a holiday drive. Visco Oil Plus increases oil viscosity, creating a thicker lubricating film between moving parts.

Thickens engine oil up to 20%

#### **CODE E802313**

## **EUROL ATF TREAT PLUS**

OIL

Eurol ATF Treat Plus is an additive developed to increase the automatic transmission fluid performance. This product has an increasing performance effect on automatic transmissions which are starting to shift rougher. Eurol ATF Treat Plus ensures a lubricating film on all moving parts, which results in less friction of metal on metal such that it offers long term protection. Eurol ATF Treat Plus can be used in an automatic transmission which has slipping problems under cold conditions. If the problem is resolved after the transmission has warmed up, Eurol ATF Treat Plus will eliminate this transmission problem.



#### **EUROL ENGINE OIL TREAT**

 $\bigcirc$ II

Eurol Engine Oil Treat is an additive developed to provide a thicker and more tenacious oil film between moving engine parts. It aims to prevent metal-to-metal contact areas in the engine using high-tech additives which increase the oxidative stability of the engine oil, allowing the engine to run at higher temperature. This treat is formulated to make the engine oil do a better job by dramatically reducing friction, increasing power output, increasing fuel economy and reducing emissions.

Less friction through Tungsten technology





## **NAUTIC**

Boats and water sport vehicles require ultimate care and motor maintenance to achieve the maximum performance and prevent costly repairs. That is exactly what your customers want. Eurol's Nautic line therefore provides boat owners and water sport fanatics with a comprehensive range of lubricants, coolants and cleaners.

#### **NAUTIC**



## EUROL NAUTIC LINE SHX 15W-40

**MINERAL** 

Mineral motor oil for advanced diesel motors without particle filter.

Eurol Nautic Line 15W-40 SHX is a robust motor oil, developed according to the latest oil usage and emission requirements, and fulfils all current quality requirements for European as well as American and Japanese diesel oils.

PERFORMANCE LEVEL
API CI-4/SL
ACEA E7
MB 228.3
MB 228.1
MAN M 3275
Volvo VDS-3
Volvo VDS-2
Caterpillar ECF-2
Caterpillar ECF-1-A
CES 20076

CES 20077 Deutz DQC III-10 Global DHD-1 MTU type 2

#### **CODE E100143**



# EUROL NAUTIC LINE FCW 10W-40, 25W-40, 10W-30

**MINERAL** 

Eurol Nautic Line FCW is a motor oil that ensures an optimal lubrication and protection of 4 stroke outboard motors.

PERFORMANCE LEVEL API SL JASO MA NMMA FC-W

CODE E100144, E100138, E100145



## EUROL NAUTIC LINE SUPER OUTBOARD 2T

MINERAL

Eurol Nautic Line Super Outboard 2T is a self-mixing 2-stroke oil, especially developed for the lubrication of modern outboard motors and is suitable for both pre-mix systems, as well for oil injection systems.

PERFORMANCE LEVEL NMMA TC-W3

#### **CODE E128430**



# EUROL NAUTIC LINE FROST PROTECTOR

**COOLING FLUIDS** 

Eurol Nautic Line Winter Storage Frost Protector is a ready-to-use drinking water antifreeze, based on monopropylene glycol\*, water and corrosion inhibitors. Eurol Nautic Line Winter Storage Frost Protector is not poisonous and offers protection against the freezing of the drinking water system, water tank, toilet and evacuation during winter storage. It protects metals such as steel, copper, brass, aluminium, solder against corrosion and cracking due to cold.

PERFORMANCE LEVEL BS 6580



## **MARINE**

Eurol provides the marine industry with high-performance lubricants which can deliver under any circumstances. Our customized formulations improve the performance of different types of generators such as propulsion and auxiliary engines on sea-going vessels. Our product range contains cylinder oils, trunk piston engine oils and system oils to keep vessel engines clean and reliable.

#### MARINE



### MARILLA CYLINDER OILS

Our Marilla CIT cylinder oil series contains carefully selected additives for lubricating large low speed cross-head marine diesel engines operating on residual fuels with a higher sulfur contents. These 'once-through lubricants' are used to lubricate and protect pistons, piston rings and liners of low-speed 2-stroke cross-head engines. Our cylinder oils provide sufficient basicity (BN) to neutralize acids formed upon Heavy Fuel Oil (HFO) combustion and effective detergency to prevent piston deposit formation. By following the OEM guidelines for engine model, feed rate and fuel sulfur use, the shipowner can rely on Eurol Marilla CIT and benefit from minimized maintenance and limited downtime thanks to maximized piston overhaul intervals.

PERFORMANCE LEVEL
Serie Marilla CIT SAE 40
Serie Marilla CIT SAE 50
TBN 20, TBN 30, TBN 40, TBN 70



## MARILLA TRUNK PISTON ENGINE OILS

The Marilla TP series consists of high-performance oils used to lubricate medium-speed trunk piston engines, which find applications in propulsion and auxiliary engines (deep-sea vessels), main propulsion engines on coastal and river ships and in stationary power generators. These 4-stroke engines often operate on heavy residual fuel with a relatively low sulfur content or distillate fuel. Our TPEOs are able to neutralize acids, thus prevent corrosive wear, prevent deposit formation by keeping contaminants suspended and resist thermal and oxidative stress. Furthermore, these oils handle contamination with water and provide sufficient load carrying capacity to protect engine parts under high load.

PERFORMANCE LEVEL
Serie Marilla TP SAE 30
Serie Marilla TP SAE 40
TBN 10, TBN 20, TBN 30, TBN 40



#### MARILLA SYSTEM OILS

System Oils (SO) are re-circulating lubricants used to lubricate bearings, gears and guides and for cooling of the piston under crowns of low-speed 2-stroke cross-head engines. Eurol SOs do not come directly into contact with the combustion products but handle contamination with HFO, drip oil or water. These oils resist thermal and oxidative stress, protecting the engine parts against corrosion, while they provide sufficient load carrying capacity to protect engine parts under high load. Furthermore, the system oils prevent or reduce deposit formation in the piston cooling spaces and crankcases, thus maintaining piston cooling efficiency and provides outstanding protection for the heavily loaded bearings.

PERFORMANCE LEVEL Serie Marilla SO SAE 30 TBN 5, TBN 8



## **HYDRAULIC OILS**

We provide a wide range of hydraulic oils which offer an excellent protection against wear, corrosion (copper and steel) and rust formation. The well balanced additive technology also offers good protection against foam building and ageing. By using base oils with a very high level of cleanliness the Eurol Hykrol oils help a trouble-free operation of hydraulic systems.

#### **HYDRAULIC OILS**



## EUROL HYKROL FG ISO-VG 32, ISO-VG 46

**FOOD** 

Eurol Hykrol FG is a non-toxic lubricant for industrial applications in the food industry. It can be used for hydraulic systems, as an airline fluid and in light loaded high speed gearboxes. It is recommended for food processing like: poultry, meat, bakeries, breweries, dairy and pet-food industry. It offers excellent protection against oxidation, rust, corrosion and foam building. It is fully compatible with gaskets and seals and water will be immediately demulsified from the oil.

APPROVED
INS H1 (E902695)
PERFORMANCE LEVEL
NSF H1

CODE E902695, E902697

## EUROL HYKROL BIO SYN ISO-VG 46

BIO

Hykrol Bio Syn is an hydraulic oil which is biodegradable up to 90% (test: CEC-L-33-T-82), based on synthetic esters. It has no tendency to form deposits and, due to the high viscosity index, it has an excellent behaviour at low and high temperatures. The operating temperature ranges from -20°C up to +90°C. It is recommended for areas where oil contamination with the environment can occur. It will not affect seal material, except ethylene and propylene rubbers.

PERFORMANCE LEVEL European Ecolabel



**CODE E108825** 

## EUROL HYKROL BIO RO 3246

BIO

A biodegradable hydraulic oil based on rapeseed oil. The product is water-repellent and protects the hydraulic system effectively against wear. It is safe for metals and does not contain any harmful substances. The very high viscosity index makes the product applicable over a broad temperature range. It can be applied in all hydraulic systems where mineral oils have been used before and it is compatible with most seal materials except ethylene and propylene rubbers.

PERFORMANCE LEVEL ISO 15380 HETG



**CODE E108824** 

## EUROL HYKROL DAZ 32, 46

VHI PD

A hydraulic oil, formulated from high-performance base stocks and specially selected ashless and zincfree additives with strong deterging properties. Due to the emulsifying capabilities, it is extremely suitable for hydraulic systems with a higher risk for water contamination (bridges, locks and aboard ships). DAZ can be used in systems with bronze or silver plated components. When changing from a conventional oil to DAZ, the system should be flushed and cleaned prior to filling the system.

PERFORMANCE LEVEL DIN 51524/2 (HLPD) HVLPD (E108827) Daimler DBL 6721



CODE E108829, E108827



### EUROL HYKROL EXL ISO-VG 32, 46

**VHLP** 

Hydraulic oil with fuel saving properties. Retains energy efficiency over a wide temperature range, especially at high operating pressures and high temperatures. At least 2 times longer oil life compared to HVI oils. Well suited for applications with large temperature variations.

PERFORMANCE LEVEL
DIN 51524/3 (HVLP)
ISO 6743/4: HV
ISO 11158: HV
US Steel 126/127/136
SS 155434
SEB 181 222
Cincinnati Machine P-68 (E108839)
Cincinnati Machine P-70 (E108840)
Denison HF-0/HF-1/HF-2
Bosch Rexroth RE 90220
AFNOR NF E 48-603 (HL)
Vickers 35VQ25A

CODE E108839, E108840



### EUROL HYKROL VHLP ISO-VG 15, 22, 32, 46, 68

VHLP

Eurol Hykrol VHLP ISO-VG 15 belongs to the so called 'anti-wear' oils which have been developed especially for application in all kinds of hydraulic systems. These oils reduce pump wear to a minimum and contribute to a long equipment lifetime. Eurol Hykrol VHLP ISO-VG 15 is blended from carefully selected, solvent refined paraffinic base oils and additives. The oils have excellent deterging capabilities and a high thermal and oxidation stability.

DIN 51524/3 (HVLP)
U.S. Steel 127
U.S. Steel 126
SS 155434
Sperry Vickers I-286-S
Sperry Vickers M-2950-S
SEB 181 222
Hoesch HWN 2333
Denison Filterability TP 02100
Bosch Rexroth RE 90220
CETOP RP 91 HV
AFNOR NF E 48-603 (HL)

PERFORMANCE LEVEL

CODE E108805, E108790, E108800, E108810, E108815



# EUROL HYKROL HLP ISO-VG 10, 15, 22, 32, 46, 68, 100, 150

HLP

Hykrol HLP 'anti-wear' oils are especially developed for application in all kinds of hydraulic systems. These oils reduce pump wear to a minimum and contribute to a long equipment lifetime. It is suitable for the lubrication of vacuum pumps and moderately loaded gearboxes, protecting against wear, corrosion and rust formation. It has excellent water demulsifying properties. The presence of small amounts of water will hardly influence the good filterability.

CODE E108685, E108690, E108700, E108710, E108720, E108730, E108740, E108750

PERFORMANCE LEVEL
DIN 51524/2 (HLP)
U.S. Steel 127
U.S. Steel 126
VDMA 24318
Thyssen TH N-25613 2
SS 155434
Sperry Vickers I-286-S
Sperry Vickers M-2950-S
SEB 181 222
Hoesch HWN 2333
Bosch Rexroth RE 90220
CETOP RP 91 H (HM)

AFNOR NF E 48-603 (HM) AFNOR NF E 48-603 (HL) DIN 51524/1 (HL)

### EUROL HYKROL SVI 13, 26



Hykrol SVI hydraulic oil is especially designed for application in systems that experience extreme temperature fluctuations. It differs from traditional hydraulic oils, because of its low pour point and exceptionally high viscosity index. These oils are less sensitive to changes in temperature, which makes them especially suitable for applications like road transportation, cold storage warehouses and other areas with extreme temperature changes. These oils have good water separating capability.

CODE E108687, E108688

PERFORMANCE LEVEL DIN 51524/3 (HVLP) Bosch Rexroth RE 90220 AFNOR NF E 48-603 (HL)

RECOMMENDED FOR USE MIL-H-5606A





### **GEARBOX OILS**

Industrial gearboxes are expected to perform under conditions of high temperatures and heavy loads. The environment can be contaminated with dirt, process debris and water. Our gearbox oil range contains industrial gear oils with excellent demulsifying properties, which can be used in all types of enclosed gear drives with circulation or splash lubrication systems. These CLP oils offer adequate protection against wear to the gears.

#### **GEARBOX OILS**



## **EUROL SYNTAN EP ISO-VG 150, 220, 460**

**PAG** 

Eurol Syntan EP ISO-VG 220 is a fully synthetic oil based on poly-alkylene glycols for the lubrication of all types of heavily loaded gearing, like hypoid and worm gears. Eurol Syntan EP ISO-VG 220 has excellent anti-oxidation, anti-wear, anti-rust and high pressure properties. It has minor tendency for building foam and has a naturally high viscosity index. Eurol Syntan EP ISO-VG 220 is durable and extends the life of the machinery. It allows extended change intervals and therefore reduces the costs of maintenance.

PERFORMANCE LEVEL AGMA 9005/E02 ISO 6743-6 and ISO 12925-1: CKC/CKD/CKE/ (CKS)/CKT DIN 51 517/3 (CLP) Flender

CODE E115127, E115130, E115140



# EUROL SYNMAX PAO EP ISO-VG 150, 220, 320, 460

**FULLY SYNTHETIC** 

The polyalphaolefin based Synmax is developed for the lubrication of all kinds of heavily loaded toothed gearings, especially in applications with high temperatures. It is an oil with excellent anti-oxidation, antiwear and anti-corrosion properties, as well as Extreme Pressure characteristics. It has a low friction coefficient, because of the synthetic base oils, which allows less energy consumption and lower operating temperatures. It protects metal parts from oxidation and corrosion.

PERFORMANCE LEVEL
DIN 51517/3 (CLP)
AISE (US Steel) 224
AGMA 9005/E02
ANSI/AGMA 9005-F16:
2016 AS
David Brown S1.53.106
Cincinnati Machine P-74
ISO 12925-1: 2018-01
CKD

CODE E115504, E115505, E115506, E115507



### EUROL MULTISEPT EP ISO-VG 68, 100, 150, 220, 320, 460, 680

**MINERAL** 

Mineral gearbox oil for use in industrial applications like oil bath lubrication of heavily or shock loaded gear drives and worm wheel gears, circulation lubrication and for atomized lubrication. Multisept has high load carrying capacity for an excellent absorption of sudden peak loads. This CLP oil offers excellent protection against oxidation, extends equipment lifetime, has a low foaming tendency and very good anti-wear properties. Moreover, it prevents the forming of deposits and sludge.

CODE E115510, E115520, E115530, E115540, E115550, E115551, E115565

PERFORMANCE LEVEL DIN 51517/3 (CLP) David Brown S1.53.101 AISE (US Steel) 224 AGMA 9005/E02 ISO 12925-1 CKD



### **INDUSTRIAL OILS**

Look at Eurol's wide range of high quality products for the industrial sector. Our compressor oils, vacuum pump oils, airlube oils, slideway and chainsaw oils are available in various viscosity classes and both based on minerals and synthetics. We offer specific oils for transformers, turbines, gas engines and heat transfer systems.

#### INDUSTRIAL OILS



### **EUROL COMPRESSOR OIL** ISO-VG 46, 68, 100

**FULLY SYNTHETIC** 

Fully synthetic compressor oils based on PAO base stocks which are developed for the lubrication of rotating oil cooled compressors including the very critical Hydro-vane compressors, as well as for reciprocating compressors (ISO-VG 100) and vacuum pumps. This oil is applicable in a very broad temperature range (-20 to 220°C) and has a good thermal and oxidation stability. Due to the limited evaporation of this oil, the oil consumption and the risk of thickening or deposit build-up are minimized.

PERFORMANCE LEVEL DIN 51524/2 (HLP) SAE Ms1003-2 DIN 51506: VDL **GM LJ** 

CODE E118866, E118846, E118868



### **EUROL COMPRESSOR OIL** ISO-VG 32, 46, 68, 100

**MINERAL** 

An ash-less mineral compressor oil with a low pour point, anti-wear characteristics and an excellent oxidation stability, offering a reliable performance of the compressor under all conditions. The compressor is protected against corrosion and the oil provides a clean performance, prevents carbon deposits and shows low friction characteristics. This product, with a high thermal stability, has a maximum final stage temp. of 220°C for centrifugal, piston, rotary screw and sliding vane compressors.

PERFORMANCE LEVEL DIN 51524/2 (HLP) ISO 6743/4: HM ISO 11158: HM US Steel 126/127/136 SS 155434 SEB 181 222 ISO-L-DAA/DAB/DAG/ DAH Cincinnati Milacron P70 (E118842, E118871) Cincinnati Milacron P69 (E118840)

Denison HF-0/HF-1/HF-2 DIN 51506: VBL/VCL/VDL Rosch Reyroth RF 90220 AFNOR NF E 48-603 (HM) Vickers 35VQ25A (E118871, E118840, E118855)

CODE E118842, E118871, E118840, E118855

#### **EUROL TELMAC** 465

**COMPRESSOR** 

Compressor oil with demulsifying abilities, adjusted to actual practice experience. This means that larger quantities of condensation water will not form a stable emulsion with the oil. Smaller quantities of water and contaminations are kept in dispersion. In this way, control devices are prevented from failure due to buildup of lacquer and oxidation products. Eurol Telmac 46 S contains an active anti-corrosion additive which, in combination with the demulsifying ability of the oil, offers an excellent corrosion protection.

PERFORMANCE LEVEL ISO-L-DAA/DAB/DAG/DAH DIN 51506: VBL/VCL/VDL



**CODE E118844** 

## **EUROL CIRTURO** ISO-VG 46



Eurol Cirturo ISO-VG 46 is an ash-less, high-quality turbine and circulation oil / R&O oil, which can be used for turbine lubrication, lubrication for gears and circulating systems, low loads hydraulic systems and guide- and roller bearings. Eurol Cirturo ISO-VG 46 distinguishes itself by excellent rust and corrosion properties and also by a robust oxidation stability. Water is separated very fast and effectively, foam formation will be prevented, resulting in optimal lubricating properties.

PERFORMANCE LEVEL Cincinnati-Machine P-55 Westinghouse Electric Corp. Turbine Oil Spec ISO L-DAA, DAB, DAH, DΔG DIN 51506: VBL/VCL/VDL CEGB Standard 207001 Alstom HTGD 90 117 V0001 S AFNOR NF E 48-603 (HL) DIN 51524/1 (HL) DIN 51517/2 (CL)

MIL-L-17672 D Siemens TLV 9013 04 **U.S. Steel 120 Brown Boveri HTGD** 90117 BS 489 G.F. GEK 32568 A/C ISO 8068



# EUROL VACUUM OIL ISO-VG 46, 68, 100

**VACUUM PUMP** 

A series of oils with a very good oxidation stability. Therefore, these oils are perfectly suitable for application in vacuum pumps, operating under heavy duty working conditions. They are blended from solvent refined paraffinic base oils with low vapour pressure. An optimal amount of additives provides protection against wear, rust and corrosion, while water and vapour are rapidly separated. The oils have a naturally high viscosity index, which prevents inconvenient viscosity changes.

PERFORMANCE LEVEL
DIN 51524/2 (HLP)
U.S. Steel 127 / 126
VDMA 24318
Thyssen TH N-25613 2
SS 155434
Sperry Vickers I-286-S /
M-2950-S
SEB 181 222
Hoesch HWN 2333
Denison Filterability TP
02100
Bosch Rexroth RE 90220

CETOP RP 91 H (HM) AFNOR NF E 48-603 (HM) / (HL) DIN 51524/1 (HL)

CODE E122572, E122566, E122573



## EUROL VACUUM OIL ISO-VG 150, 220

**VACUUM PUMP** 

A series of oils with a very good oxidation stability. Therefore, these oils are perfectly suitable for application in vacuum pumps, operating under heavy duty working conditions. They are blended from solvent refined paraffinic base oils with low vapour pressure. An optimal amount of additives provides protection against wear, rust and corrosion, while water and vapour are rapidly separated. The oils have a naturally high viscosity index, which prevents inconvenient viscosity changes.

PERFORMANCE LEVEL DIN 51517/3 (CLP) David Brown S1.53.101 AISE (US Steel) 224 AGMA 9005/E02 ISO 12925-1 CKD

CODE E122568, E122574



## EUROL EURAX EP

**AIRLUBE OILS** 

A specially formulated industrial fluid, based on highperformance base oils and selected additives for the lubrication of pneumatic tools. The high viscosity index oil provides an excellent lubrication under both low and high operating temperatures and loads. It is formulated with anti-wear and EP additives for optimum protection. Extreme Pressure additives will absorb high peak loads that can occur in pneumatic tools. The dedicated additives prevent rust and corrosion in wet conditions.

**CODE E119850** 



## EUROL ROCKETLUBE ISO-VG 10

AIRLUBE OILS

A synthetic fluid, especially developed for lubrication of pneumatically driven tools for which a fluid with an exceptionally low pour point is required. The fluid is absolutely safe for plastic and rubber parts. It has an extremely low pour point which prevents ice formation by the expanding air. The oil can be used down to -25°C and is recommended in air engines, piling hammers, air wrecking hammers and drilling machines.

#### **INDUSTRIAL OILS**



#### **EUROLTHERM B**

#### **HEAT TRANSFER**

A heat transfer oil, formulated from special refined paraffinic base stocks which can be applied from -10°C up to +315°C. Euroltherm B is developed for closed systems, equipped with an expansion tank. It has a low viscosity and a high coefficient of heat conductivity, providing a maximum heat transfer. Because of this, pumps, valves and heat coils can have small dimensions. It can be applied for indirect heat transfer in closed systems in the chemical, textile and rubber industry.

PERFORMANCE LEVEL
DIN 51522
ISO 6743-12 - Family Q

#### **CODE E124839**



#### **EUROLTHERM ETX**

#### **HEAT TRANSFER**

A high-performance heat transfer fluid, formulated from synthetic base oils. The product is extremely suitable for use in closed systems and operating with high temperatures. It can be applied as liquid phase in closed heat transfer systems with forced circulation for tempering of reactors, boilers and processing machines in a wide temperature range (0°C up to +350°C). It is pumpable from -5°C. Graphite, PTFE and fluor-elastomer seals can be used without any problem.

#### **CODE E124838**



#### **EUROLTHERM N**

#### **HEAT TRANSFER**

A synthetic heat transfer oil with a broad temperature range (-50°C up to +300°C). The perfect working temperature lies between +150°C and +300°C. Between these temperatures evaporation losses are reduced to a minimum, offering economical and safety advantages. It has a pour point of -60°C and is almost odourless. It can be applied in all closed indirect heat transfer systems in the chemical industry, textile and rubber industry. It can also be applied for the discharge of process heat.

#### **CODE E124840**



## EUROL LAWN MOWER OIL SAE 30

#### **MONOGRADE**

Lawn mower oil is a well proven monograde engine oil for four stroke gasoline engines in both push- and riding mowers. It has strong deterging and protecting capabilities. This assures the prevention of carbon deposits on pistons, valves and in the combustion chamber. Moreover, Lawn mower oil has strong anti-wear, anti-corrosion and anti-foam characteristics and also a high oxidation stability to protect against oil thickening.

PERFORMANCE LEVEL API SJ/CF



### EUROL CHAINSAW OIL AK 100, 220

Eurol Chainsaw Oil is formulated from highly refined mineral base oils and specially selected addives providing a high film strengh and tackiness. Eurol Chainsaw Oil is recommended for both engine driven, as well as for electrically driven chainsaws. Eurol Chainsaw Oil penetrates deeply between links and bushes, adheres without dripping or flinging off and prevents dirt, sand and/or dust accumulation. Furthermore, the chain is well protected from corrosion.

CODE E125451, E125452



## EUROL CHAINSAW OIL BIO

#### **CHAINSAW**

Strong, tenacious 100% biodegradable oil for chainsaws, based on rapeseed. It is especially developed for the lubrication of chains in both electric and in engine driven chainsaws. Because of the low pour point the oil will keep its excellent properties, also at low temperatures. It offers a high protection against wear and corrosion and is compatible with metal, rubber and plastic. Due to the special formulation, with only natural raw materials, this oil is non-toxic for the ecological system.











### **METALWORKING FLUIDS**

We offer numerous metalworking fluids that cool and/or lubricate metal workpieces which are being machined. The fluids are specially formulated to reduce heat and friction between the tools and the workpiece.



#### EUROL SYNCOOL G 3175

Eurol Syncool G 3175 is a mineral, emulsifiable cutting fluid for uncomplicated cutting operations, with cooling as primary target. After mixing with water, a stable white milky emulsion will be formed, because of the special selected emulsifiers. Eurol Syncool G 3175 does not contain nitrites or formaldehyde donors and is suitable for turning, drilling and sawing operations of various kinds of metals. The product protects tools and work pieces against corrosion and has a low foaming tendency.

**CODE E120700** 



### EUROL SYNCOOL B 3145

Eurol Syncool B 3145 is a mineral, emulsifiable cutting fluid for general cutting operations, with a wide range of applications. After mixing with water, a stable white milky emulsion will be formed. Eurol Syncool B 3145 does not contain boric acid or formaldehyde donors and is suitable for turning, drilling and sawing operations of various types of steel as well as aluminium. The product protects tools and work pieces against corrosion and has a low foaming tendency.

**CODE E120710** 



#### EUROL SYNCOOL U 6100

Eurol Syncool U 6100 is a fully synthetic water soluble metalworking fluid, recommended for use with all common types of alloys and capable of the toughest metalworking processes. Among others, applications for Eurol Syncool U 6100 include grinding, drilling, sawing and more chipforming activities. Eurol Syncool U 6100 is suitable for use with most aluminium and copper alloys, although staining should always be checked. To ensure smooth operation, Eurol Syncool U 6100 has excellent deterging and cooling abilities.

**CODE E120720** 



## EUROL HONING OIL CHV

#### METALWORKING

A chlorine-free honing and grinding fluid, based on a low aromatic base oil and polarized additives to improve lubricity. The CHV contains anti-oxidation additives and sulfur de-activators. It has a low fog-forming and evaporation tendency and does not affect machine paints and seal materials while providing an excellent surface finish. Suitable for short and long stroke honing operations with both sulfurated and unsulfurated honing stones and for grinding of balls with ceramic bounded work pieces.



#### **EUROL CUTTING FLUID ST**

#### **METALWORKING**

A cutting fluid, based on mineral oils with excellent Extreme Pressure properties. It is extremely suitable for heavy duty machining of high-quality steels. The ST contains special additives which, under high pressure, form a semi-solid lubricating film with very high EP properties. This prevents welding of surface peaks between chips and cutting tool. It strongly adheres to the work piece, making it suitable for thread cutting, milling, gear cutting and deep drawing operations.

#### **CODE E120540**



### EUROL SSH 15, 22

#### **METAL WORKING**

A non-soluble cutting fluid, based on synthetic hydroxyl compounds with a high molecular weight. The product does not contain mineral oils, is chlorine-free and biodegradable. It is particularly suitable for atomizing equipment. It is applied undiluted for machining copper, steel and especially for aluminium alloys. The product prevents build-up edges. Because of the excellent oxidation stability, the product can also be used in circulation systems.

#### CODE E120595, E120600

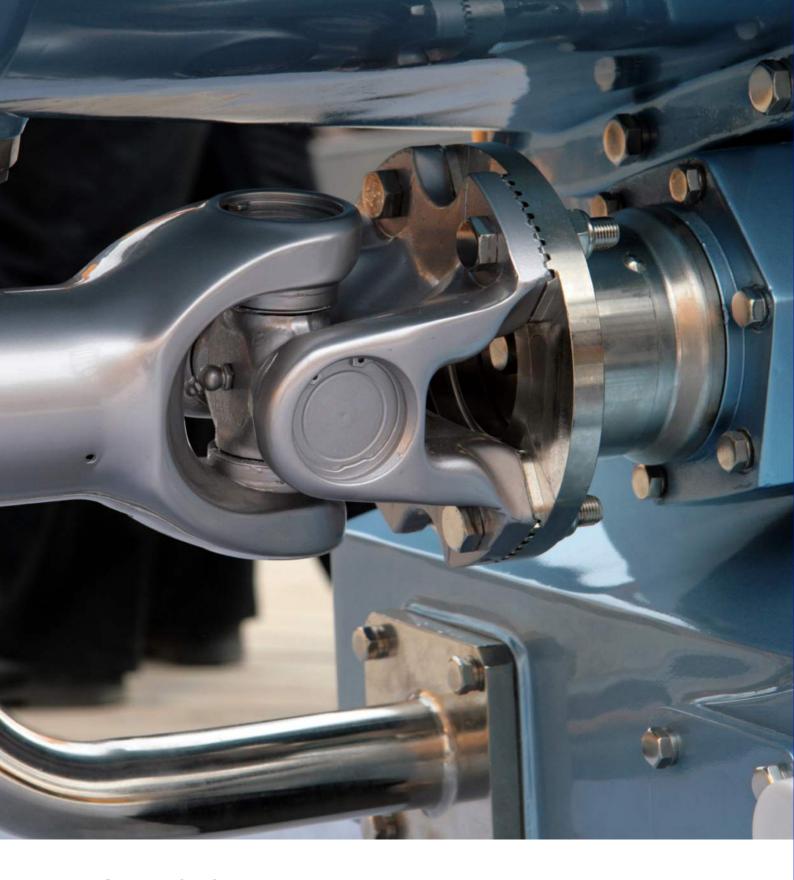


#### EUROL SSP 22

#### **METALWORKING**

A metal cutting fluid, based on a synthetic polyol ester (from natural fats) with extra sulfurised and phosphorous materials. The product does not contain mineral oils and is chlorine-free and biodegradable. It is used undiluted for machining of all kinds of metals, with exception of nonferro metals. Prevents build-up of edges, which makes the product very suitable for machining aluminium. Applying the product can be done by spraying/atomizing, as well as in circulating systems or brush.





### **GREASES**

Eurol offers a complete supply of greases for different applications. These greases are composed to have superior adhesion properties at both low and high temperatures. Our greases perform perfectly in wet conditions and at high pressure loads. Thanks to the broad array of thickening technologies, we offer a grease for every application.

#### **GREASES**



## EUROL LITHIUM GREASE EP 000

**GREASE** 

Eurol EP 000 Grease is a high-performance grease with extreme pressure additives for high (shock) loads. It is especially developed for trucks and buses, but also for applications with a central lubrication system. It is semifluid and has a homogeneous structure, providing a good pump-ability. Moreover, it has good anti-corrosion and anti-oxidation properties.

PERFORMANCE LEVEL DIN GP000H-30 ISO-L-XC(F)BCB000

#### **CODE E901005**



EASE EPO

## EUROL LITHIUM GREASE EP 00

**GREASE** 

Eurol Lithium EP 00 is a high-performance grease containing EP additives. It is especially developed for trucks and buses, equipped with a 'Willy Vogel' central lubrication system. This semi-fluid has a homogeneous structure, providing a good pump-ability. Moreover, it has good anti-corrosion and anti-oxidation properties.

PERFORMANCE LEVEL DIN 51825: KP00 G-50 ISO-L-XEBBB00





## EUROL LITHIUM GREASE EP 0

**GREASE** 

Eurol Lithium EP 0 grease is a high-performance EP lubricant providing protection against vibrations and high (shock) loads, without losing its capabilities. Developed for trucks and buses, equipped with a central lubrication system, in engine reductors and gearboxes for which an NLGI-0 grease is advised. This grease is semi-fluid and has a homogeneous structure, providing a good pump-ability, also for remote greasing. Also at low temperatures, this grease maintains its high-performance level.

PERFORMANCE LEVEL DIN 51502: KPOK-30 ISO- L-XC(F)CIB0

#### **CODE E901020**



## EUROL SKALA COMPLEX GREASE EP 0

**GREASE** 

Eurol Skala Complex Grease EP 0 grease has been developed for the lubrication of heavily loaded open gears. The very high Extreme Pressure properties, combined with the wide temperature range, make this product suitable in a wide range of applications. Eurol Skala Complex Grease EP 0 grease is, contrary to common bitumen based open gear greases, also recommended for ball and plain bearings.

PERFORMANCE LEVEL
DIN 51825: KPGOG0.5N-30
ISO-L-XCDIB0.5



## EUROL UNIVERSAL LITHIUM GREASE EP 2

**GREASE** 

Eurol Universal Lithium Grease is a high-performance, multi-purpose NLGI 2 grease with EP additives and a good pump-ability. It offers an excellent corrosion protection, has very good anti-oxidation properties and is extremely suitable for high working temperature conditions, heavy loads, shock loads and where water and dirt may penetrate the greasing point. It guarantees optimum protection, also under heavy working conditions, extending equipment lifetime and reducing maintenance costs.

PERFORMANCE LEVEL DIN 51825: KP2.5K-20 ISO-L-XBCHB2.5

**CODE E901030** 



**GREASE** 

MPQ Lithium Grease is a high quality, stable grease, based on mineral oil and lithium soap as thickener. Due to the additives and the strong adhesion to metals, this grease has good anti-oxidant and corrosion preventing properties. It can be used up to 120°C, with peak temperatures up to 130°C. Furthermore, the MPQ is suitable for high working loads, shock loads. It guarantees optimal protection, also under heavy working conditions, extending equipment lifetime and reducing maintenance costs.

PERFORMANCE LEVEL DIN 51825: K2K-30 DIN 51825: K3K-30 (E901038)





**GREASE** 

Lithium Grease EP 3 is a high-performance, multi-purpose NLGI 3 grease with EP additives and a good pump-ability. It offers an excellent corrosion protection and has very good anti-oxidation properties and is extremely suitable for high working temperature conditions, heavy loads, shock loads and where water and dirt may penetrate the greasing point. It guarantees optimum protection, also under heavy working conditions, extending equipment lifetime and reducing maintenance costs.

PERFORMANCE LEVEL DIN 51825: KP3K-20 ISO -L-XB(F)CHB3



#### **CODE E901040**

## EUROL MOLYBDENUM DISULFIDE MOS2

**GREASE** 

Molybdenum Disulphide Grease is a multi-purpose grease with MoS2 for Constant-Velocity (homo-kinetic) joints. Also recommended for the lubrication of heavily loaded plain bearings, chassis lubrication points, earthmoving equipment and agricultural machinery. It is based on mineral base oils, lithium soap thickener and molybdenum disulphide. The latter forms a chemical layer on metal surfaces which reduces friction to a minimum. It has a good mechanical stability, resulting in a long lifetime.

PERFORMANCE LEVEL DIN 51825: KF2K-30 ISO-L-XCCIB 2



#### **GREASES**



#### **EUROL GRAPHITE GREASE**

#### **GREASE**

Eurol Graphite Grease is an easily pumpable lubricating grease. The present graphite will form a lubricating film onto the surface, which has an operating temperature up till 500°C. The oil, which is also present in the grease will be evaporated at this elevated temperatures, but the graphite will provide the required lubrication. The grease will give excellent protection against corrosion and oxidation. Eurol Graphite Grease can be used at high temperatures, high pressures, variations in forces and in places where water and dirt can easily be picked up.

PERFORMANCE LEVEL DIN KFP2K-30 ISO-L-XCCFB 2

#### **CODE E901072**

## **EUROL MARINE GREASE EP 2-3**

#### **GREASE**

Eurol Marine Grease is formulated from high quality refined base oils with a high viscosity for applications where greasing points are exposed to water. This grease surpasses the water repellent properties and temperature range of calcium based greases and has the excellent mechanical stability of a lithium based grease. It offers a good corrosion protection, excellent EP properties and a good oxidation resistance. Has a good pump-ability in grease pumps and will not affect rubber parts.

PERFORMANCE LEVEL DIN 51825: KP2.5K-20 ISO-L-XBCHB2.5



#### **CODE E901160**

#### **EUROL COPPER GREASE**

#### GREASE

Eurol Copper Grease is a lead-free grease which is especially formulated from unmeltable bentonite and high-performance solid raw materials like copper, graphite and aluminium. Copper Grease is an 'anti-seize assembly compound' which offers long-lasting protection against high temperatures, corrosive conditions or high loads. Recommended for lubrication of taps, threaded fasteners, manifolds, battery clamps, wheel nuts, ovens and the back of brake pads to prevent from twisting and friction.



#### **CODE E901220**

#### **EUROL CERAMIC GREASE**

#### **GREASE**

Ceramic Paste is especially formulated from high molecular oil, ceramic materials and inorganic thickener with additives. This Anti-Seize assembly paste has excellent lubricating properties and the strong adherence prevents water wash off. It can be used for all parts and threaded components which are usually treated with metal containing pastes like bearings, chains, fittings, splines, brake parts and pneumatic appliances, found in garages, ship building, agricultural and industrial plants.







**GREASE** 

Eurol White Grease EP in NLGI 2 consistency is especially developed for the lubrication of ball and roller bearings, working under extreme pressure conditions. The grease shows excellent oxidation stability and anti-wear properties. Moreover, it is water-repellent and offers good corrosion protection. It is often used for sealing filters, chains and filter housings of cross motorcycles.

PERFORMANCE LEVEL DIN 51825: K2K-30 ISO-L-XCCEA2

#### **CODE E901080**

## EUROL WHITE VASELINE ACID FREE

**GREASE** 

Eurol White Vaseline is refined gasolineeum jelly of pharmaceutical quality with a very high degree of purity. It can be used as a lubricant for packing machines and applications in the food industry, as well as in the cosmetic and pharmaceutical industry. It can also be used as a grease for battery cable terminals and for the lubrication of weapons and leather. Meets the requirements of several (international) pharmaceutical institutes, is water-resistant and offers a good corrosion protection.





**GREASE** 

Eurol Lithium Complex Grease is developed to meet the ongoing technical demands in the transport sector, as well as in the industrial sector for application on bearings and chassis components. The grease is used in ball, roller, wheel and plain bearings, operating under high loads or with vibrations at high or at low temperatures, while keeping its consistency. It has a very good temperature stability and a good adherence capability and can be used as a substitute for several greases.

PERFORMANCE LEVEL DIN 51825: KP2.5N-30 ISO-L-XCDIB2.5



#### **CODE E901300**

## EUROL BALL BEARING GREASE EP 2

**GREASE** 

Eurol Ball Bearing Grease with NLGI 2 consistency is especially developed for the lubrication of ball and roller bearings of motorcycles, mopeds and bicycles. It is water-repellent and offers a good resistance against oxidation. Moreover, the product has excellent sealing capabilities and a good mechanical stability. As it is highly adhesive, the grease reduces bearing wear to a minimum and protects all parts from corrosion.

PERFORMANCE LEVEL DIN 51825: KP2K-30 ISO-L-XCCIB 2





## EUROL PTFE COMPLEX GREASE EP 2

**GREASE** 

A Lithium Complex Grease with additional PTFE (polytetrafluoroethylene) for an even better lubricity. PTFE Complex Grease EP 2 is successfully applied in a wide range of applications, operating in a temperature range from -30°C up to +170°C. It is suitable as a 'lifetime' lubricant for heavily loaded wheel bearings of trucks, electro motors and kiln bearings. Due to the excellent sealing properties, penetration of dust, dirt and water in the bearing is avoided.

PERFORMANCE LEVEL DIN 51825: KPF2N-30 ISO-L-XCDIB2



### EUROL BLUE STAR GREASE EP 2

**GREASE** 

Eurol BlueStar Grease EP 2 is developed to be used in ball, roller, wheel and plain bearings operating under high (shock) loads or vibrations at a wide temperature range, while keeping its consistency. It has an excellent temperature stability and a good adherence capability. BlueStar Grease characterizes itself by good corrosion protection properties with excellent wear protection and resistance against water wash-out, resulting in a very long life-time.

PERFORMANCE LEVEL DIN KP2N-30 ISO-L-XCDHB 2 NLGI GC-LB



#### **CODE E901304**

## **EUROL CALIEUR GREASE EP 2**

**GREASE** 

Eurol Calieur EP 2 is formulated from a high viscosity base oil and a calcium-lithium thickener. Besides high-performance Extreme Pressure additives, it also contains anti-corrosion and anti-wear inhibitors. It is highly water repellent and has excellent sealing properties against mud and dirt. The product is strongly adhering, ensuring perfect lubrication under all circumstances including high temperature conditions. The long life-time of this grease enables extended re-lubrication intervals.

PERFORMANCE LEVEL DIN 51825: KP2K-20 ISO-L-XBCIB2



#### **CODE E901320**

## EUROL PROP-SHAFT GREASE EP 2, EP 3

**GREASE** 

Prop-Shaft Grease EP 2 and EP 3 are formulated from a lithium-soap thickener, naphthenic base oils and polymers. The product has a natural resistance against water, offers a good resistance against ageing and withstands temperatures up to 70°C. The quality has been developed for the lubrication of rotation points under normal load conditions and wet environments like stern-tubes of outboard engines. Due to the structure, the product is also suitable for the lubrication of water pumps and cables.

PERFORMANCE LEVEL
DIN 51825: KP2K-30 (E901470)
ISO-L-XCCIB 2 (E901470)
DIN 51502: KP3K-20 (E901472)
ISO 6743 ISO-L-XBCEB3 (E901472)



CODE E901470, E901472



# EUROL DISH GREASE EP 2

#### **GREASE**

Dish Grease EP 2 is formulated from high viscosity refined base oils. It is developed for lubricating points which are exposed to water. This grease surpasses the water-repellent and temperature properties of a typical calcium based grease and has the excellent mechanical stability of a lithium based grease. It has a good pump-ability in grease guns and does not affect rubber materials. Dish Grease EP 2 is highly adhesive to metal surfaces and extremely suitable for dish lubrication of trucks.

PERFORMANCE LEVEL DIN KP 2.5 N-20 ISO-L-XBCEB 2-3

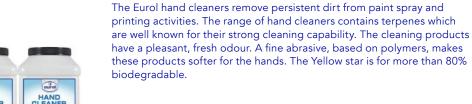




### **CLEANING**

We provide a wide range of cleaning products such as effective hand detergents and cleaners which easily remove dirt form hand and nails. For cleaning vehicles, caravans and machines, we have a selection of water based and solvent based detergents. The range varies from 'high flash' degreasers for cleaning components to special products for the maintenance of the exterior of cars such as wax-shampoo, rim cleaner and insect detergent.







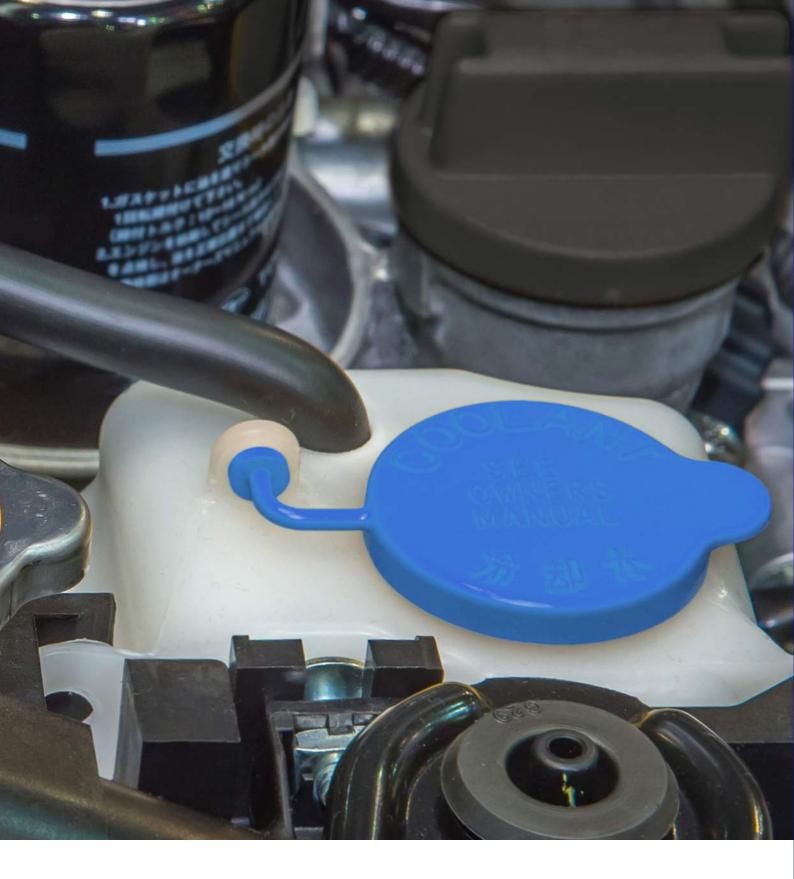
#### **CAR CARE**

The Eurol car care products are suitable for cleaning the entire vehicle exterior. The range of car care products contains delicate soap for the body work, such as car & truck wash, an effective rim cleaner to wipe the brake dust from the rims and an insect remover for the wind shield.



#### **INDUSTRIAL**

The Eurol industrial degreasers are perfect for heavy duty cleaning applications. The degreasers have a high flash point combined with corrosion protecting properties. The industrial range of cleaners includes a bio product as well as a low odour product.



## ANTIFREEZE, COOLING FLUIDS, SCREENWASH

Eurol antifreeze, coolants and screenwash are used in cars, vans, buses, earthwork vehicles and maritime transport. These fluids do not contain nitrites, amines or phosphates. The 'long-life' coolants are based on an organic inhibitor technology and meet the demands of various constructors easily. They provide maximum protection against corrosion and o not affect the various alloys and materials in cooling systems.

## ANTIFREEZE, COOLING FLUIDS, SCREENWASH



#### **EUROL ANTIFREEZE**

#### **COOLING FLUIDS**

Eurol Antifreeze is recommended for all cooling systems of combustion engines and other heat transfer systems. Based on ethylene glycol and formulated according to European car manufacturers instructions, the concentrate contains additives, protecting against corrosion and foambuilding. Offers the best protection when applied in a concentration of 25 up to 50 vol.% and is completely safe for rubbers, plastics, metals, aluminium and alloys. The product is free of nitrites, amines and phosphates.

PERFORMANCE LEVEL BS 6580 ASTM D3306

#### **CODE E503150**



### EUROL COOLANT -26°C, -36°C

#### **COOLING FLUIDS**

Blue Coolant meeting the BS6580 standard recommended for all cooling systems of combustion engines and other heat transfer systems. Based on ethylene glycol and formulated according to European car manufacturers instructions, the pre-diluted cooling fluid contains additives, protecting against corrosion and foambuilding. It is completely safe for rubbers, plastics, metals, aluminium and alloys and provides a permanent, guaranteed protection against freezing up to -26°C / -36°C.

CODE E504105, E504100

PERFORMANCE LEVEL BS 6580 ASTM D3306



## EUROL COOLANT GLX -26°C, -36°C

#### **COOLING FLUIDS**

Developed for the new generation cooling systems of modern car engines and based on ethylene glycol (Organic-Acid-Technology), the GLX meets the Volkswagen (TL 774 D and F) and Renault D standards. It prevents scaling and offers excellent protection against cavitation. It protects all metals against corrosion, particularly aluminium and iron alloys, even at high temperatures. GLX protects against freezing up to -26°C resp. -36°C and contains environment-friendly additives (carboxyl-acids).

CODE E504145, E504144

PERFORMANCE LEVEL VW TL-774 F (G12+) / D (G12) BS 6580 ASTM D4985 / D4656 / D3306 Renault Type D NATO S-759 JASO M325

## EUROL COOLANT XL YELLOW -36°C

#### COOLING FLUIDS



A new generation of universal long-life coolant, based on ethylene glycol and organic corrosion inhibitors. The fluid can be mixed with all ethylene glycol based commercial coolants, for example Volkswagen and Renault without the risk of sludge or decreasing cooling capabilities. XL is free of nitrite, amine, borate, phosphate and silicat and in this way, contributes to a cleaner environment. Life-time of the product is 5 years or 650.000 km for trucks or 250.000 km for passenger cars.

PERFORMANCE LEVEL VW TL-774 F (G12+) / D (G12) BS 6580 ASTM D4985 / D4656 / D3306 AFNOR NFR 15-601 MB 326.3 MAN 324 Typ SNF SAE J1034 Renault Type D MTU MTL 5048 GM 6277M Liebherr MD1-36-130 Komatsu 07.892 John Deere JDM H5 JASO M325 Ford WSS-M97B44-D DAF 74002 Case New Holland MAT3624 STJLR 651.5003 Volvo VCS



#### EUROL COOLANT PP -36°C

#### **COOLING FLUIDS**

Eurol GLX PP is specially developed for the new generation cooling systems of V.A.G. This PlusPlus is based on ethylene glycol and is suitable for Volkswagen norm TL 774 G for all Volkswagens starting with 09-2006 models, as well as in all VW Phaeton/Touareg and Audi A8 / Q7. It protects the cooling system from freezing down to temperatures of -36°C, and contains environmentally friendly additives. Eurol Coolant GLX PP contains silicate. This technology is known under the name LOBRID.

PERFORMANCE LEVEL VW TL-774 G (G12++) MAN 324 Typ Si-OAT MB 326.5

#### **CODE E504148**



## EUROL COOLANT GLS 13 -36°C

#### **COOLING FLUIDS**

Eurol GLS 13 is specially developed for the latest generation cooling systems of V.A.G. (Audi, Volkswagen, Skoda, Seat) and meets the Volkswagen VW-TL 774 J (G13) specification. This fluid is based on glycols and organic inhibitors. This gives an excellent protection for metals in the cooling system against corrosion, especially magnesium- and aluminium alloys. The product life is 5 years or 650.000 km for trucks or 250.000 km for passenger cars, depending on which situation occurs first.

PERFORMANCE LEVEL VW TL-774 J (G13)

#### **CODE E504149**



## EUROL COOLANT G11

#### **COOLING FLUIDS**

Eurol Coolant -36 G11 is recommended for use in cooling systems of liquid cooled automotive and industrial internal combustion engines. Eurol Coolant -36 G11 protects car, truck and bus engines of both ferrous and aluminium construction against corrosion and frost damage. It contains a blend of inhibitors designed to give a high degree of corrosion protection to engine components such as radiators, cylinder blocks/heads and water pumps. Eurol Coolant -36 G11 provides year-round frost and corrosion protection.

PERFORMANCE LEVEL VW TL-774 C (G11) BS 6580 ASTM D3306 / D4656 / D4985 AFNOR NFR 15-601 MB 326.2 MB 326.0 MAN 324 Typ NF MTU MTL 5048 Fiat 9.55523 BMW GS 94000 / N 600 69.0 RECOMMENDED FOR USE SAE J1034 NATO S-759 JASO M325

#### **CODE E504010**



#### EUROL COOLANT RND -36°C

#### **COOLING FLUIDS**

Eurol Coolant -36°C RND has especially been developed for the cooling systems according to modern engine requirements of the Renault-Nissan-Dacia car manufacturers. Eurol Coolant -36°C RND is an ethylene glycol based coolant that provides long-life corrosion protection by the use of special corrosion inhibitors for all engine metals, including aluminium and ferrous alloys. Eurol Coolant -36°C RND prevents from scale formation, foambuilding, sludge formation and leakage.

PERFORMANCE LEVEL
Renault-Nissan-Dacia
Infinity
Samsung
Datsun
Lada/Avtovaz

## ANTIFREEZE, COOLING FLUIDS, SCREENWASH



## EUROL COOLANT PSC -36°C

#### **COOLING FLUIDS**

Eurol Coolant -36°C PSC has especially been developed for the cooling systems according to modern engine requirements of the Peugeot & Citroën car manufacturers. Eurol Coolant -36°C PSC is an ethylene glycol based coolant that provides long-life corrosion protection by the use of special corrosion inhibitors for engine manufactured cooling systems from cast iron, aluminium or combinations of the two metals. Eurol Coolant -36°C PSC prevents from scale formation, foam-building, sludge formation and leakage.

PERFORMANCE LEVEL PSA B71 5110



## EUROL COOLANT XL-NM -36°C

#### **COOLING FLUIDS**

**CODE E504014** 

Eurol Coolant XL-NM -36 is coolant, based on monoethylene-glycol and organic corrosion inhibitors (silicate-free, with nitrite). Eurol Coolant XL-NM -36 prevents from scale formation and offers an excellent protection against cavitation. Moreover, it protects metal parts in the cooling system against corrosion. Eurol Coolant XL-NM -36 is amine, borate, phosphate, nitrate and silicate-free and in this way, contributes to a cleaner environment. Eurol Coolant XL-NM -36 is completely safe for rubber, plastics, metals and aluminium or its alloys.

PERFORMANCE LEVEL ASTM D6210 ASTM D3306 / D4656 / D4985 RECOMMENDED FOR USE CES 14603 Caterpillar EC-1

**CODE E504142** 



#### **EUROL ANTIFREEZE GLX**

#### **COOLING FLUIDS**

Eurol GLX is a new generation antifreeze, based on ethylene glycol, in which a patented silicate-free technology on carboxyl-acid base is being used. This technology is known under the name OAT (Organic Acid Technology) for long-life use according to TL-VW 774 F (G12+). It protects against corrosion of metal parts in the cooling system and particularly aluminium and steel-alloys. It does not contain nitrite, amines, borate, phosphate, nitrate or silicate, contributing to a cleaner environment.

PERFORMANCE LEVEL VW TL-774 F (G12+) VW TL-774 D (G12) BS 6580 ASTM D3306 ASTM D4985 ASTM D4656 Renault Type D NATO S-759 JASO M325





#### **EUROL ANTIFREEZE XL**

#### **COOLING FLUIDS**

Eurol Antifreeze XL is a universal long-life antifreeze, based on mono-ethylene-glycol and organic corrosion inhibitors (silicate-free). This special technology (diluted with water) can be mixed with coolants of other brands without the risk of sludge build-up and decreasing cooling capabilities. Eurol Antifreeze XL can be mixed with all mono-ethylene-glycol based commercial coolants, a.o. Volkswagen and Renault. Eurol Antifreeze XL prevents from scale formation and offers an excellent protection against cavitation. Moreover, it protects metal parts in the cooling system against corrosion.

PERFORMANCE LEVEL VW TL-774 F (G12+) VW TL-774 D (G12) BS 6580 ASTM D3306 ASTM D4985 ASTM D4656 AFNOR NFR 15-601 MB 326.3 MAN 324 Typ SNF SAE J1034 Renault Type D MTU MTL 5048 Liebherr MD1-36-130 Komatsu 07.892 John Deere JDM H5 JASO M325 GM 6277M Ford WSS-M97B44-D DAF 74002



#### **EUROL COOLANT GLX-AV**

#### **COOLING FLUIDS**

Eurol Coolant -36°C GLX-AV is a cooling and heat transfer fluid that has been specially developed for cooling systems according to the modern requirements of most Japanese and Korean car manufacturers. Eurol Coolant -36°C GLX-AV is based on OAT technology, with phosphate compounds added, also referred to as a P-OAT (Phosphated Organic Additive Technology) coolant. This product does not contain silicates, amines, nitrites and amines and offers improved hard water stability. Due to this special composition, this product offers optimal heat transfer without creating deposits.

PERFORMANCE LEVEL
ASTM D3306
ASTM D6210
Ford WSS-M97B57-A1
Honda Type 2
JIS K2234
Mazda FL22

RECOMMENDED FOR USE Mitsubishi Subaru Suzuki

**CODE E504030** 

#### **EUROL SCREENWASH LEMON**

#### **CONCENTRATE**

Eurol Screenwash Lemon prevents the windshield washer system from freezing and is an excellent cleaner for dirty windshield, leaving a fresh lemon smell after use. This winter formulation is safe for polycarbonate windshields and dries without leaving smeary stripes. Moreover, the product is non-corrosive, not harmful and has a flash point of >23°C so it can be applied safely. Based on ethanol and is not irritating.

RECOMMENDED FOR USE
2:1 Water Protects to -30°C
1:1 Water Protects to -22°C
1:2 Water Protects to -12°C



#### **CODE E502260**

#### **EUROL SCREENWASH**

#### **READY TO USE**

Eurol Ready to Use windshield washer fluid prevents the washer system from freezing and is an excellent cleaner for dirty windshield, leaving a fresh lemon smell after use. This predilluted winter formulation is safe for polycarbonate windshield and dries without leaving smeary stripes. Moreover, the product is non-corrosive, not harmful or irritating and has a flash point of >23°C so it can be applied safely. Based on ethanol.



#### **CODE E502265**

#### **EUROL SUMMER WASH**

#### CONCENTRATE, READY TO USE



Eurol Summerwash is an excellent cleaner for dirty windshields, leaving a fresh smell inside the vehicle after use. It is safe for polycarbonate windshields and does not leave streaks. Moreover, the product is non-corrosive, not harmful or irritating, so it can be used safely. The fluid provides a smooth running of the windshield wipers without wiper chatter. Rubbers, paints and polycarbonate are not affected by this windshield washer fluid.

CODE E501268, E501270

# ANTIFREEZE, COOLING FLUIDS, SCREENWASH





Eurol De-Icer in a 500ml bottle removes the frost build-up on windows, and in locks of doors and trunks. It does not affect rubber, lacquer or chrome.





#### **DISCLAIMER**

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### New Branch



