

# MARA<sup>®</sup>



26

20  
march

# product catalogue

[www.mara-oil.com](http://www.mara-oil.com)



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MOTOROIL DRUŽBA  
Z. O. Z.  
ZA RAZPEČAVANJE MINERALNIH OLJ  
- MARIBOR

# History of

*MARA*  
the  
'30s

The "MARA" Mariborska rafinerija mineralnega olja is founded. The company is born from a passion for creating high-quality lubricants and motor oils, designed to meet the most demanding technical standards. Local production of base oils and lubricants for automotive and industrial use begins.

*Motoroil* DRUŽBA Z O. Z.

PROIZVODNJA BENCINA IN MINERALNIH OLJ - MARIBOR

# MOTOROIL MARIBOR

*ang. oznaka (10)*

the  
'50s - '70s

**Expansion and technological development.** MARA progressively modernizes its production processes and expands its product range. During this period, it becomes synonymous with reliability and quality throughout the region.

**Consolidation and expansion into foreign markets.**

Thanks to major investments in research and development, MARA develops advanced formulations and begins exporting to several European countries, establishing itself as a symbol of European technical excellence.

the  
'80s - '90s

*"MARA" marib. rafinerija mineral. olja*

Maribor, dne 17.10.1922.

*"Mara" mariborska  
rafinerija mineralnega olja.*

the  
2000s

**A new era of quality and international standards.** MARA introduces full product standardization in accordance with API and ACEA specifications, positioning itself as a competitor to leading global manufacturers. The company strengthens its commitment to innovation and sustainable production.

**Modernization and global recognition.**

The brand strengthens its presence in Europe and expands into Africa and Asia. The product lines are updated: CARS, TRANSMISSION, MACHINERY, MOTO, HYDRAULIC, and ADDITIVES.

the  
2010s

*MARA Mariborska rafinerija mineralnega olja  
in kemična tovarna*

the  
2020s

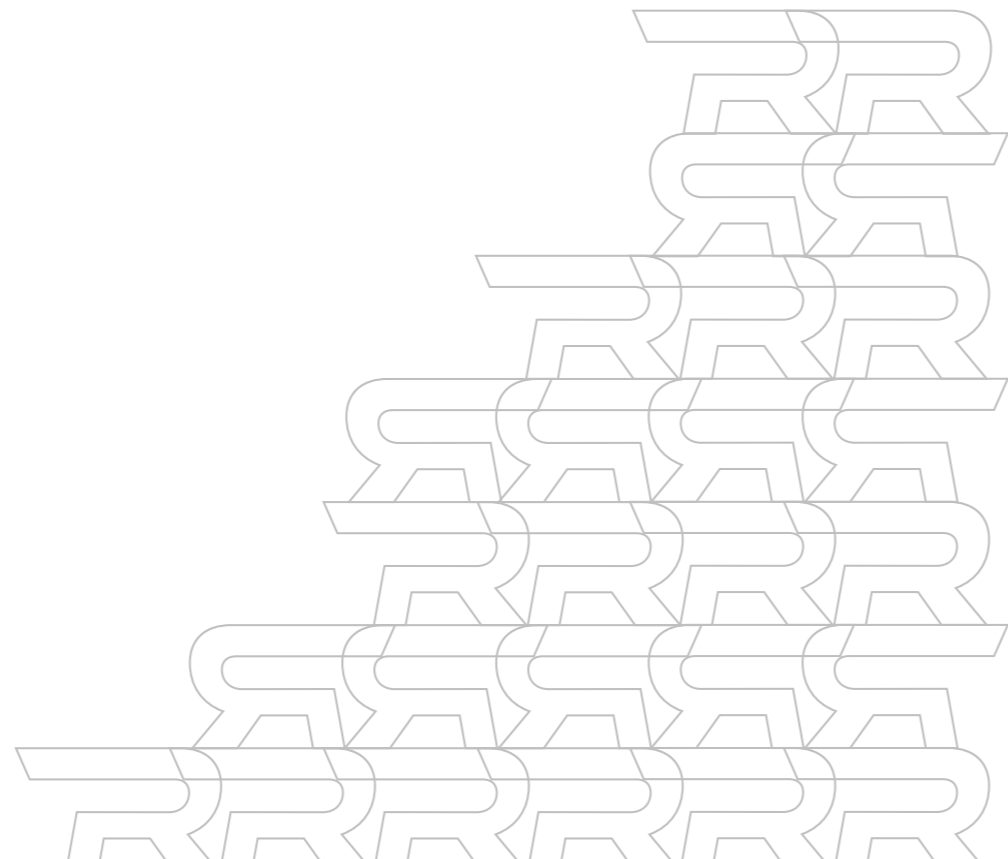
**Collaboration with Mapetrol.** MARA becomes a licensed brand of Mapetrol d.o.o., based in Maribor, Slovenia. This milestone marks a new era — the fusion of 1930s tradition with contemporary innovation — with the goal of bringing European quality to the world under the motto "Where tradition meets innovation."

*"MARA" mariborska rafinerija  
mineral. olja in kemična tovarna  
Zgradba ite.*

MARA continues its evolution as part of the Mapetrol Group, with the mission of becoming a global brand recognized for its **combination of quality, technology, and European design.**

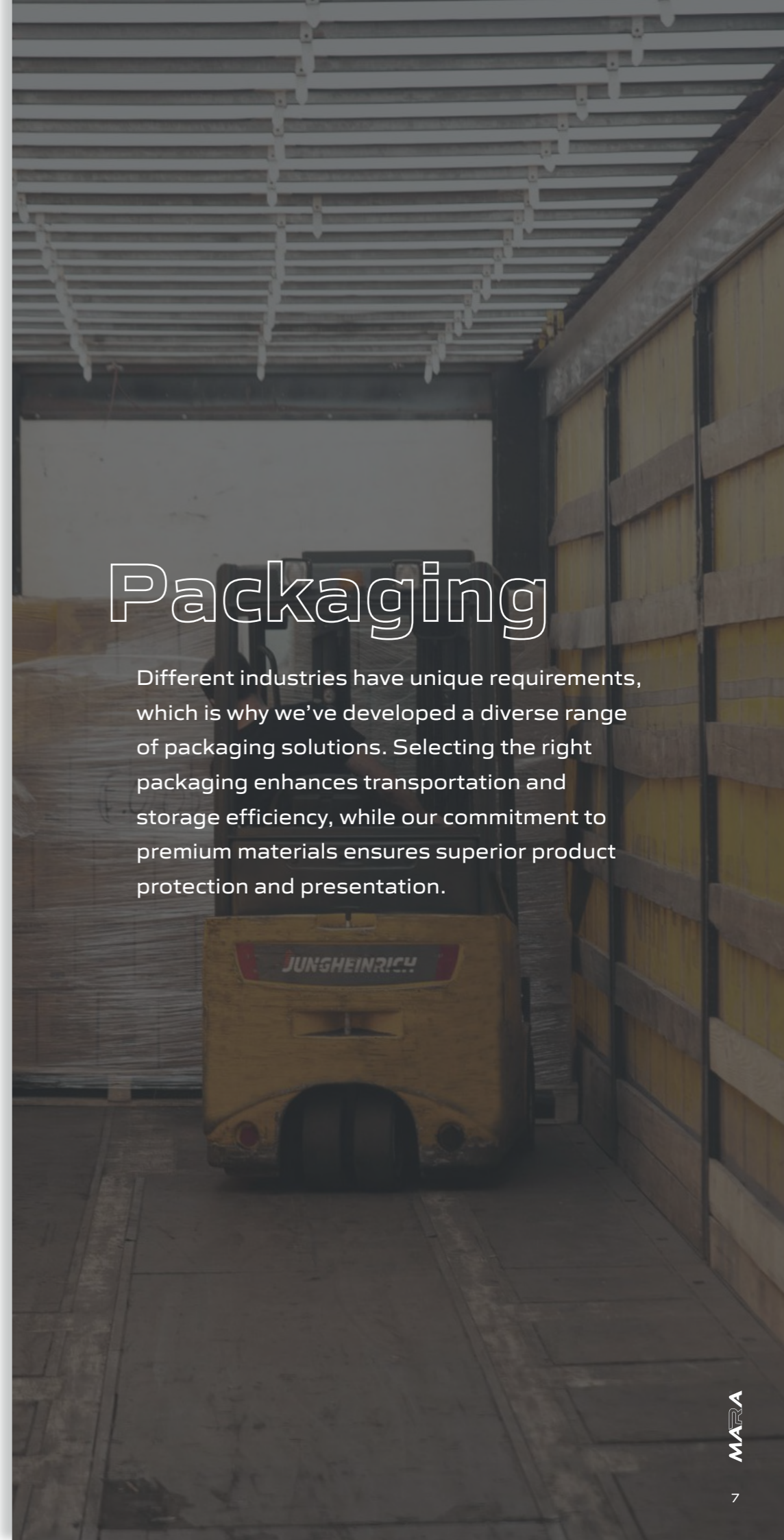
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MOTOROIL DRUŽBA Z O. Z.  
MARIBOR, KRALJA PETRA TRG 4



# Packaging

Different industries have unique requirements, which is why we've developed a diverse range of packaging solutions. Selecting the right packaging enhances transportation and storage efficiency, while our commitment to premium materials ensures superior product protection and presentation.



# Choosing the Right Product Made Simple

Every engine, machine, and system has specific requirements—choosing the right lubricant ensures optimal performance, efficiency, and longevity. That's why MARA provides a clear and detailed overview of specifications, helping you make informed decisions with confidence.

In the following section, you'll find technical classifications, approvals, and industry standards to guide you in selecting the best product for your needs. If you need assistance, our team is always ready to help.

Let's find the perfect match for your engine or machinery.



Available pack sizes: 1L, 4L, 5L, 10L, 20L, 208L

CARS

TRANSMISSION

MACHINERY

MOTO

HYDRAULIC

BRAKE FLUID

PROTECTION & CARE

GARDEN & UTILITY

OTHER



**EVOLUTION  
C2  
0W-30**

**Specifications**

API SN;  
ACEA C2;  
PSA B71 2312/2290;  
FIAT 9.55535-DS1/GS1;  
CHRYSLER MS 90047/13340;  
HONDA;  
HYUNDAI;  
INFINITY;  
KIA;  
LEXUS;  
NISSAN;  
SUZUKI

**Description**

Fully synthetic oil for PSA EURO VI Blue HDi DW10F engines with exhaust aftertreatment and turbocharger. Offers high fuel economy, low CO2 emissions, excellent cold-start fluidity, engine cleanliness, and aftertreatment system protection. Suitable for vehicles with Stop & Start technology.



**EVOLUTION  
C2  
5W-30**

**Specifications**

ACEA C2;  
API SN/CF;  
FIAT 9.55535-S1/S2/S3/T2;  
PSA B71 2290;  
MB 229.31/229.51;  
BMW LL-04;  
PORSCHE A40;  
GM Dexos 2/LL-B-025/LL-A-025;  
FORD WSS-M2C917-A/WSS-M2C50-A;  
JLR 03.5007;  
RENAULT RN0700/RN0710/RN17

**Description**

Fully synthetic engine oil for superior fuel economy, low CO2 emissions, excellent engine cleanliness, and aftertreatment system protection. Ideal for PSA Group engines with DPF and Japanese OEMs like Toyota, Honda, Subaru, and Nissan.



**EVOLUTION  
LL  
0W-30**

**Specifications**

ACEA C3;  
VW 504 00/507 00;  
MB 229.51;  
BMW Longlife-04;  
Porsche C30

**Description**

Synthetic engine oil designed for gasoline and diesel engines to provide ultimate performance and protection under all operating conditions and to protect Exhaust Emission Reduction Systems. Formulated for use in modern VW, Audi, Seat and Skoda gasoline and diesel engines.



**EVOLUTION  
C4  
5W-30**

**Specifications**

ACEA C4;  
FIAT 9.55535-S4;  
MB 226.51/229.51/229.31;  
RENAULT RN0720

**Description**

High-performance low SAPS synthetic engine oil with complete DPF protection. Outstanding performance, protection, and durability for Renault Group engines requiring ACEA C4 and RN0720 specifications.



**EVOLUTION  
LL  
5W-30**

**Specifications**

ACEA C3;  
VW 504 00/507 00;  
MB 229.51;  
BMW Longlife-04;  
Porsche C30

**Description**

Synthetic engine oil designed for gasoline and diesel engines to provide ultimate performance and protection under all operating conditions and to protect Exhaust Emission Reduction Systems. Formulated for use in modern VW, Audi, Seat and Skoda gasoline and diesel engines.



**EVOLUTION  
A5  
5W-30**

**Specifications**

ACEA A5/B5;  
API SN/CF;  
FORD WSS-M2C913-D

**Description**

Fully synthetic engine oil meeting ACEA A5/B5, Ford WSS-M2C913-C/D specifications, mandatory for modern Ford vehicles with petrol and diesel engines. Improved lubrication, fuel economy, and low-temperature fluidity.



**EVOLUTION  
C3  
5W-30**

**Specifications**

API SN/SM/CF;  
ACEA C3;  
MB 229.31/229.51;  
RN0700/RN0710;  
BMW Longlife - 04;  
GM dexos2;  
Porsche A40;  
Ford WSS-M2C917-A;  
VW 502 00/505 00/505 01

**Description**

Synthetic engine oil designed for use in automotive gasoline and diesel engines where the manufacturer recommends an API SN, ACEA C3 5W-30 lubricant. It provides protection against engine sludge and protection of emission systems by helping to keep diesel particulate filters clean.



**EVOLUTION  
GF-5  
5W-30**

**Specifications**

ACEA A5/B5;  
API SN/CF;  
ILSAC GF-5;  
FORD 948-A/B

**Description**

Fully synthetic engine oil for gasoline passenger cars, SUVs, and light vans from Asian and North American manufacturers. Exceptional wear and sludge protection, and excellent low-temperature fluidity for better fuel economy.



**EVOLUTION  
C3  
5W-40**

**Specifications**

API SN/SM/CF;  
ACEA C3;  
VW 502 00/505 00/505 01;  
MB 229.31/229.51;  
RN0700/RN0710;  
BMW Longlife - 04;  
GM dexos2;  
Porsche A40;  
Ford WSS-M2C917-A;  
FIAT 9.55535-S2

**Description**

Synthetic engine oil designed for gasoline and diesel engines to provide long engine life. It can be used in direct injection diesel engines, including common rail direct fuel injection systems with or without aftertreatment system.



**EVOLUTION  
MB  
5W-40**

**Specifications**

ACEA A3/B4;  
API SN/CF;  
BMW Longlife-01;  
MB 229.3/229.5;  
PORSCHE A40;  
PSA B71 2296;  
RENAULT RN0700/RN0710;  
VW 502 00/505 00;  
FIAT 9.55535-M2/N2

**Description**

Fully synthetic engine oil for gasoline and diesel car engines, excluding those with diesel particulate filters (DPF). Offers excellent engine protection, longer oil drain intervals, cleanliness, and low-temperature fluidity.



**GTX 700  
5W-40**

**Specifications**

API SL/SJ-CF;  
ACEA A3/B4;  
MB 229.1;  
BMW Longlife 98;  
VW 505 00/501 01

**Description**

Synthetic engine oil designed for gasoline and diesel engines of a wide range of vehicles (cars, light SUVs, van-s and light trucks) from European and other manufacturers.



**GTX 700  
10W-40**

**Specifications**

API SL/SJ-CF;  
ACEA A3/B4;  
MB 229.1;  
BMW Longlife 98;  
VW 505 00/501 01

**Description**

Designed for gasoline and diesel engines of a wide range of vehicles (cars, light SUVs, vans and light trucks) from European and other manufacturers.



**GTX 700  
5W-30**

**Specifications**

API SL/SJ/CF;  
ACEA A3/B4;  
MB 229.1;  
BMW Longlife 98;  
VW 505 00/501 01

**Description**

Designed for gasoline and diesel engines of a wide range of vehicles (cars, light SUVs, vans and light trucks) from European and other manufacturers.



**GTX 500  
15W-40**

**Specifications**

API SL/CF;  
ACEA A3/B4;  
MB 229.1

**Description**

Designed for gasoline and diesel engines of a wide range of vehicles (cars, light SUVs, vans and light trucks) from European and other manufacturers.



**GTX 500  
20W-50**

**Specifications**

API SL/CF;  
ACEA A3/B4;  
MB 229.1

**Description**

Designed for gasoline and diesel engines of a wide range of vehicles (cars, light SUVs, vans and light trucks) from European and other manufacturers.



**TRANS GEAR EP  
SAE 90**

**Specifications**

API GL-5;  
ZF TE-ML 07A/08

**Description**

Multi-purpose mineral oil.



**TRANS GEAR EP  
SAE 80**

**Specifications**

API GL-5;  
ZF TE-ML 07A/08

**Description**

Multi-purpose mineral oil.



**TRANS GEAR EP  
SAE 140**

**Specifications**

API GL-5;  
ZF TE-ML 07A/08

**Description**

Multi-purpose mineral oil.



**TRANS GEAR EP  
SAE  
80W-90**

**Specifications**  
API GL-5;  
ZF TE-ML 07A/08

**Description**  
Recommended for use in manual transmissions of passenger cars, heavy-load highway (freight trucks, buses, etc.), off-road (construction, mining, agricultural) and special vehicles in which the required level of service characteristics is GL-5.



**TRANS GEAR EP  
SAE  
75W-80**

**Specifications**  
API GL-5;  
ZF TE-ML 07A/08

**Description**  
Transmission lubricant crafted from selectively chosen, highly refined base oils offers an exceptionally high viscosity index. It ensures excellent fluidity at low temperatures and extends the lifespan of both the oil and gears.



**TRANS GEAR EP  
SAE  
85W-90**

**Specifications**  
API GL-5;  
MIL-L-2105D;  
DAF; MAN 342 M1;  
MB 235.0;  
Renault;  
Voith 3.325-339;  
Volvo 97310/97316;  
ZF TE-ML 05A/07A/08/16B/16C/16D/17B/19B/21A

**Description**  
High-performance transmission lubricant, made with premium base oils, provides exceptional wear protection for axle gears in passenger cars, heavy-goods vehicles, buses, construction, and agricultural machinery. It enhances the durability and performance of transmission systems, meeting and exceeding manufacturer specifications.



**TRANS GEAR EP  
SAE  
75W-90**

**Specifications**  
API GL-4

**Description**  
Transmission lubricant crafted from selectively chosen, highly refined base oils offers an exceptionally high viscosity index. It ensures excellent fluidity at low temperatures and extends the lifespan of both the oil and gears.



**TRANS GEAR EP  
SAE  
85W-140**

**Specifications**  
API GL-5;  
ZF TE-ML 07A/08

**Description**  
Transmission lubricant crafted from selectively chosen, highly refined base oils offers an exceptionally high viscosity index. It ensures excellent fluidity at low temperatures and extends the lifespan of both the oil and gears.



**TRANS GEAR EP  
SAE  
75W-90  
GL-5**

**Specifications**  
API GL-5;  
MAN 342 Type M-1;  
MB 235.0;  
MIL-L-2105D;  
Voith 3.325-339;  
Volvo 97310/97316;  
ZF TE-ML 07A/08/16B/16C/16D/17B/19B/21A

**Description**  
Synthetic hypoid lubricant suitable for motor vehicle and industrial machinery hypoid gears, handling high shock loads and extreme temperatures. Also applicable for manual transmissions in cars, light trucks, commercial vehicles, and agricultural and construction equipment.



## ATF A

### Specifications

ATF type A Suffix A;  
MB 236.2;  
ALLISON C-3;  
VOITH

### Description

Designed for the lubrication of automatic transmissions in motor vehicles and heavy machinery in agriculture, mining, and construction, including systems like hydraulics, couplings, and power steering that require Type A Suffix A (TASA) quality oil.



## ATF DII

### Specifications

GM DEXRON II-D;  
Allison C4;  
Caterpillar TO-2;  
MAN 339 Type V1/Z1;  
MB 236.5/236.7;  
Renk;  
VOITH G607;  
ZF TE-ML 03D/04D/11A/14A/17C

### Description

Oil with a high viscosity index for automatic transmissions. It is characterized by a high chemical stability, increased anti-wear properties and an excellent resistance against ageing. It can be used in automatic transmissions, torque converters, power steering and hydraulic circuits, for which the manufacturers prescribe a product, which meets the General Motors ATF TYPE Dexron II-D requirements.



## ATF DIII

### Specifications

GM DEXRON III H/G;  
ZF TE-ML 03D/04D/05L/09/11A/11B/14A;  
VOITH H55.6335;  
MB 236.6;  
Allison C-4/TES 389;  
MAN 339 Type V1&Z1;  
Volvo 97340

### Description

Universal oil for automatic transmission. Used for automatic transmissions installed in motor vehicles by the world's leading transmission manufacturers.



## TOP TIR FS 5W-30

### Specifications

API CK-4, CJ-4, CI-4+, CH-4, CF, SN, SM, SL;  
ACEA E6, E7, E9; JASO DH-1, DH-2, DHD-1;  
MB 228.51/228.31; CAT ECF-3/ECF-2/ECF-1a;  
MTU 3.1/2.1; MAN 3677/M3575/M3477/M3271-1;  
Cummins CES 20086/20081; DAF Extended Drain;  
Volvo VDS-4.5/VDS-4.0/VDS-3/CNG; Ford WSS-M2C171-F1;  
Scania LA-2/LA/LDF; Deutz DQC IV-10 LA/III-10 LA;  
Detroit Diesel DFS 93K222/93K218; Renault RLD-4/RLD-3;  
IVECO TLS E9; MACK EOS 4.5/EO-OPP

### Description

Fully synthetic Low SAPS engine oil boosts performance and protection for diesel engines in commercial and heavy-duty machinery, extending oil change intervals and improving fuel efficiency by up to 2%. Not suitable for vehicles with DPF systems.



## TOP TIR LS 10W-40

### Specifications

API CK-4, CJ-4, CI-4+, CH-4, CF, SN, SM, SL;  
ACEA E6, E7, E9; JASO DH-1, DH-2, DHD-1;  
MB 228.51/228.31; CAT ECF-3/2/1a; MTU 3.1/2.1;  
MAN 3677/M3575/M3477/M3271-1;  
Cummins CES 20086/20081; DAF Extended Drain;  
Volvo VDS-4.5/VDS-4.0/VDS-3/CNG;  
Ford WSS-M2C171-F1; Scania LA-2/LA/LDF;  
Deutz DQC IV-10 LA/III-10 LA;  
Detroit Diesel DFS 93K222/93K218;  
Renault RLD-4/RLD-3; IVECO TLS E9;  
MACK EOS 4.5/EO-OPP

### Description

Synthetic XHPD oil for high-performance diesel engines, suitable for vehicles meeting EURO IV-VI standards. Enhances low-temperature fluidity, maintains viscosity at high temperatures, and improves fuel efficiency. Its low ash content benefits exhaust systems, including those with DPFs.



## TOP TIR LD 10W-40

### Specifications

ACEA E7;  
API CI-4, CH-4, CG-4, CF-4, CF, SL;  
MB 228.3; Volvo VDS-3;  
Renault Truck RLD-2;  
Mack EO-N/EO-M Plus; MAN M 3275;  
Cummins CES 20076/20077/20078;  
CAT ECF-1a/2; MTU Type 2;  
Deutz DQC III-10;  
Detroit Diesel DDC 93K215;  
Global DHD-1

### Description

Semi-synthetic SHPD oil for diesel engines in heavy-load vehicles and machinery, providing superior lubrication and extended service life. Suitable for the latest EGR system engines but not for DPF particulate filters.



**TOP TIR R4  
15W-40**

**Specifications**

ACEA E7;  
API CH-4, CG-4, CF-4, CF, SJ;  
MB 228.3;  
Volvo VDS-3;  
Renault Truck RLD-2;  
Mack EO-N/EO-M Plus;  
MAN M 3275;  
Cummins CES 20076/20077;  
CAT ECF-1-a;  
MTU Type 2;  
Detroit Diesel DDC 93K215

**Description**

Mineral multi-grade SHPD oil for diesel engines, ideal for four-stroke engines in freight, municipal, and long-haul vehicles, as well as heavy machinery in mining, agriculture, and construction. It's compatible with the latest EGR system engines but not suitable for engines with DPF particulate filters.



**HYMAX TO-4  
SAE 10W**

**Specifications**

API GL-4;  
ZF TE-ML 03C/07D/07F;  
ALLISON C4;  
KOMATSU KES 07.868.1;  
SPERRY EATON/VICKERS M2950S/I-280-S;  
CATERPILLAR TO-4/TO-4M

**Description**

Premium oil (TDTO) engineered specifically for hydrodynamic gears, hydraulic reducers, regulator fittings, and torque converters in heavy-duty mining, construction, agricultural, and other machinery. It meets Caterpillar TO-4 specifications, ensuring optimal performance and durability for your equipment.



**TOP TIR  
15W-40  
20W-50**

**Specifications**

API CD/SF

**Description**

Multi-grade oil for gasoline and diesel engines in vehicles and machinery. Ideal for mixed fleets, it simplifies maintenance and ensures consistent performance and protection across various engines.



**UTTO  
10W-30**

**Specifications**

API GL-4; Allison C-4; AGCO POWERFLUID 821XL;  
Caterpillar TO-2; CASE MS 1210;  
Case New Holland CNH MAT3525/MAT3509/MAT3505;  
Fendt FNHA-2-C-200.00/201.00;  
Ford ESN-M2C86-B/M2C86-C/M2C134-D;  
John Deere JDM J20C/J20D; Kubota UDT Fluid;  
Massey Ferguson CMS M1145/M1143/M1141/M1135;  
Valtra G2-08; VCE WB 101;  
ZF TE-ML 03E/05F/06E/06F/06K/17E/21F

**Description**

Multipurpose oil (UTTO) of mineral base intended for the lubrication of hydraulics and transmission, as well as for cooling and lubrication of wet brakes, tractors and other agricultural and construction machinery, where the manufacturer recommends the use of a single (UTTO) lubricant for those.



**TOP TIR  
SAE  
10  
20  
30  
40  
50  
60**

**Specifications**

API CD/SF

**Description**

Mineral oil for older diesel engines in trucks, buses, and heavy equipment, including turbocharged models. It provides reliable lubrication for high-mileage engines and is suitable for compressors, gears, and hydraulic systems needing mono-grade oil.



**UTTO SP  
10W-30**

**Specifications**

API GL-4; Allison C-4;  
AGCO Power fluid 821XL/Q-186 (White farm);  
CNH MAT 3505 (Case MS 1207)/3506 (Case MS 1210)/3509 (Case MS 1230)/3510 (Case MS 1217)/3525 (same as FNHA-2-C-201.00); Ford ESN M2C134D/M2C86-B/M2C86-C; Fendt (non-vario);  
John Deere JDM J20C/J20D; Landini;  
Massey Ferguson CMS M1145/M1143/M1135/M1141;  
Renault/Claas (Renault transmissions);  
Same Deutz-Fahr (SAME transmissions)

**Description**

Multipurpose oil (UTTO) of mineral base intended for the lubrication of hydraulics and transmission, as well as for cooling and lubrication of wet brakes, tractors and other agricultural and construction machinery, where the manufacturer recommends the use of a single (UTTO) lubricant for those.



**UTTO SP  
20W-30**

**Specifications**  
 API GL-4; Alison C-4;  
 AGCO Power fluid 821XL/Q-186 (White farm);  
 CNH MAT 3505 (Case MS 1207)/3506  
 (Case MS 1210)/3509 (Case MS 1230)/3510  
 (Case MS 1217)/3525 (same as FNHA-2-C-201.00);  
 Ford ESN M2C134D/M2C86-B/M2C86-C; Fendt (non-vario);  
 John Deere JDM J20C/J20D; Landini;  
 Massey Ferguson CMS M1145/M1143/M1135/M1141;  
 Renault/Claas (Renault transmissions);  
 Same Deutz-Fahr (SAME transmissions)

**Description**  
 Multipurpose oil (UTTO) of mineral base intended for the lubrication of hydraulics and transmission, as well as for cooling and lubrication of wet brakes, tractors and other agricultural and construction machinery, where the manufacturer recommends the use of a single (UTTO) lubricant for those.



**UTTO SP  
SAE 85**

**Specifications**  
 AGCO POWERFLUID 821XL;  
 API GL-4;  
 Ford ESN-M2C134-D;  
 Case New Holland CNH MAT3505/MAT3509/MAT3525;  
 FNHA-2-C-200.00/201.00; John Deere JDM J20C/J20D;  
 Massey Ferguson CMS M1135/M1141/M1143/M1145

**Description**  
 Multipurpose oil (UTTO) of mineral base intended for the lubrication of hydraulics and transmission, as well as for cooling and lubrication of wet brakes, tractors and other agricultural and construction machinery, where the manufacturer recommends the use of a single (UTTO) lubricant for those.



**UTTO  
SAE 85**

**Specifications**  
 AGCO POWERFLUID 821XL; API GL-4;  
 Ford ESN-M2C134-D;  
 Case New Holland CNH MAT3505/MAT3509/MAT3525;  
 FNHA-2-C-200.00/201.00;  
 John Deere JDM J20C/J20D;  
 Massey Ferguson CMS M1135/M1141/M1143/M1145

**Description**  
 Multipurpose oil (UTTO) of mineral base intended for the lubrication of hydraulics and transmission, as well as for cooling and lubrication of wet brakes, tractors and other agricultural and construction machinery, where the manufacturer recommends the use of a single (UTTO) lubricant for those.



**UTTO  
SAE 80**

**Specifications**  
 AGCO POWERFLUID 821XL; API GL-4;  
 Ford ESN-M2C134-D;  
 Case New Holland CNH MAT3505/MAT3509/MAT3525;  
 FNHA-2-C-200.00/201.00;  
 John Deere JDM J20C/J20D;  
 Massey Ferguson CMS M1135/M1141/M1143/M1145

**Description**  
 Multipurpose oil (UTTO) of mineral base intended for the lubrication of hydraulics and transmission, as well as for cooling and lubrication of wet brakes, tractors and other agricultural and construction machinery, where the manufacturer recommends the use of a single (UTTO) lubricant for those.



## POWER RACING 2T

### Specifications

API TC+;  
JASO FD;  
ISO-L-EGD

### Description

Fully synthetic oil designed for lubrication of modern two-stroke racing engines with air or water cooling. Suitable for all 2-stroke engines in modern Japanese and European motorcycles, scooters, ATVs and quads. This oil can be used for pre-mix, or with oil injection systems.



## POWER SCOOTER 2T

### Specifications

JASO FD;  
API TC;  
ISO EGD

### Description

Semi-synthetic engine oil designed for high protection of two-stroke scooter engines. Protects scooter engines in all weather conditions and guarantees maximum performance output of the scooter. This oil can be used for pre-mix, or with oil injection systems.



## CLASSIC 2T

### Specifications

API TC;  
JASO FB/FC

### Description

A cost-effective mineral-based oil for air-cooled two-stroke gasoline engines. Ideal for older engines, scooters, agricultural machinery, motor testers, pumps, and small machines (up to 50cm<sup>3</sup>). Mix with gasoline as per manufacturer guidelines. Not suitable for water-cooled two-stroke engines.



## MAX-RIDE 4T 15W-50

### Specifications

API SL;  
JASO MA2

### Description

High-quality lubricant crafted with premium base oils, specifically designed for the latest generation 4-stroke engines. This top-quality product is engineered to achieve the highest performance standards. The unique additives in this oil ensure optimal engine lubrication under all driving conditions.



## MAX-RIDE 4T 10W-40

### Specifications

API SL;  
JASO MA2

### Description

High-quality synthetic technology lubricant designed for the latest 4-stroke motorcycle engines. This product is specifically formulated to achieve top performance levels. The ideal balance of additives ensures maximum engine protection and longevity, while also optimizing gearbox protection.



## HIGH MILEAGE 4T 20W-50

### Specifications

API SL;  
JASO MA2

### Description

High-quality lubricant made with premium base oils, designed for four-stroke engines in newly-manufactured motorcycles. It is suitable for both on-road and off-road driving, ensuring maximum performance even under extreme engine conditions.



**HIDROL**  
**HM**  
**10**  
**15**  
**22**  
**32**  
**46**  
**68**  
**100**

**Specifications**  
ISO 6743-4 (L-HM)/11158 (L-HM);  
DENISON HF-0/HF-2;  
SPERY VICKERS I-286-S;  
DIN 51524-2(HLP);  
AFNOR NF E 48-603 (HM)

**Description**  
Hydraulic oil for modern systems, suitable for moderate loads and consistent temperatures. Ensures smooth machinery operation.



**DOT**  
**3**

**Specifications**  
SAE J 1703;  
ISO 4925 Class 3;  
FMVSS 116 DOT 3;  
Fiat 9.55597;  
IVECO 18-820; H.Z2.100 tip 1

**Description**  
DOT 3 is a synthetic brake fluid based on polyglycolic esters, suitable for hydraulic braking systems in all types of motor vehicles requiring DOT 3 fluid. It is also compatible with suspension and similar hydraulic systems. Do not mix with mineral-based brake oils.



**HIDROL**  
**HV**  
**15**  
**22**  
**32**  
**46**  
**68**  
**100**

**Specifications**  
ISO 6743-4 (L-HV)/11158 (L-HV);  
DENISON HF-0/HF-2;  
SPERY VICKERS M-2950-S/I-286-S;  
DIN 51524-3 (HVLP);  
AFNOR NF E 48-603 (HV)

**Description**  
Hydraulic oil for modern systems, suitable for extreme loads and variable temperatures. Ensures smooth machinery operation.



**DOT**  
**4**

**Specifications**  
ISO 4925 Class 4;  
SAE J 1704/1703;  
FMVSS 116 DOT4;  
H.Z2.100 tip 2

**Description**  
DOT 4 fluid is intended for pressure transfer in hydraulic brake systems of all types of motor vehicles where the DOT-4 quality level is recommended.



## COOLANT G11 CONCENTRATE

**Specifications**  
VW TL 774-C (G11);  
MB 325.3;  
MAN Type 324 SNF;  
BMW N600 69.0

**Description**  
Concentrated coolant based on monoethylene glycol for cooling systems requiring G11 or type C formulations. Provides corrosion protection for aluminium, copper, brass, steel and cast iron and helps prevent limescale buildup. Suitable for dilution with demineralized water before use. Keep tightly closed in the original packaging and store in a cool and ventilated area. Close the cap after use.

MIXING TABLE		
Temperature	Coolant	Water
-36 °C	1	1
-27 °C	2	3
-15 °C	1	2



## COOLANT G12+ CONCENTRATE

**Specifications**  
VW TL 774-D/F (G-12/G-12+);  
MB 325.3;  
Ford WSS-M97B44-D;  
MAN Type 324 SNF;  
MTU MTL 5048

**Description**  
Concentrated OAT coolant based on monoethylene glycol for modern aluminium engine cooling systems. Provides long-term corrosion protection for aluminium, copper, brass, steel and cast iron. Designed for dilution with demineralized water before use. Keep tightly closed in the original packaging and store in a cool and ventilated area. Close the cap after use.

MIXING TABLE		
Temperature	Coolant	Water
-37 °C	1	1
-26 °C	2	3
-18 °C	1	2



## SCREENWASHER WINTER -20°C

**Description**  
Designed for winter use down to -20°C. Suitable for glass and polycarbonate surfaces and safe for paint, rubber and plastic components. Does not contain methanol. Ready for direct use. Keep tightly closed in the original packaging. Close the cap after use.

MIXING TABLE		
Temperature	Cleaner	Water
-10 °C	2	1



## SCREENWASHER WINTER -80°C

**Description**  
Designed for winter use down to -80°C. Suitable for glass and polycarbonate surfaces and safe for paint, rubber and plastic components. Does not contain methanol. Ready for direct use. Keep tightly closed in the original packaging. Close the cap after use.

MIXING TABLE		
Temperature	Cleaner	Water
-40 °C	2	1
-30 °C	1	1
-17 °C	1	2



## GARDEN 4T 10W-30

### Specifications

API SL, CF;  
ACEA A3/B4

### Description

Premium semi-synthetic lubricant for four-stroke engines used in lawn mowers, tractors, rotary tillers, cultivators, snow blowers, generators, and more. It meets the standards of engine manufacturers such as MTD, Briggs and Stratton, Honda, Stihl, Viking, and Tecumseh.



## GARDEN SAE 30

### Specifications

API SJ/CF

### Description

Mineral motor oil for four-stroke engines. It is used for air-cooled engines in motor mowers, compressors, generators, cultivators and more.



## ESTROL CHAIN SAW FLUID

### Specifications

ISO 6743-1 (L-AC)

### Description

High-quality mineral oil for lubricating chains, bars, and sprockets of chain saws and cutter bars. It offers excellent adherence, reliable low-temperature performance, and strong anti-wear protection. Not for mixing with fuel.



## LS LOW SMOKE

### Specifications

ISO-L-EGD;  
JASO FD;  
Rotax 253 Snowmobiletest

### Description

High-quality, low-smoke semi-synthetic lubricant for two-stroke air-cooled engines like motorcycles, chainsaws, and lawn mowers. Reduces emissions, enhances engine life, and provides superior lubrication. Fuel/oil ratio: 50:1 or per engine specs.



## HPS HIGH PERFORMANCE SUPER

### Specifications

ISO-L-EGD;  
JASO FD

### Description

Semi-synthetic lubricant for air-cooled two-stroke engines in motorcycles, chainsaws, etc. Ensures excellent lubrication, low smoke, clean combustion, and longer engine life. Fuel/oil ratio: 50:1 or per engine specs.



## HP HIGH PERFORMANCE

### Specifications

ISO-L-EGD;  
JASO FB

### Description

Semi-synthetic lubricant for air-cooled two-stroke engines in motorcycles and chainsaws. Provides strong lubrication, minimal ash deposits, and cleaner combustion. Fuel/oil ratio: 50:1 or per engine specs.

# MARA<sup>®</sup>

## SPECIFICATIONS

## ACEA

ENGINE OIL	
<b>A1/B1</b>	Fuel-efficient light-duty oil for older engines, offering improved economy under mild service.
<b>A3/B3</b>	Stay-in-grade oil delivering robust protection for high-performance passenger cars.
<b>A3/B4</b>	High-performance oil suitable for gasoline and DI diesel passenger engines.
<b>A5/B5</b>	Fuel-efficient, reduced-HTHS oil for modern engines approved for lower viscosity.
<b>A7/B7</b>	Advanced protection for modern engines, addressing LSPI and turbo deposit control.
<b>C1</b>	Low-SAPS lubricant for modern engines, providing optimal performance and emissions control.
<b>C2</b>	Low-SAPS lubricant focused on fuel efficiency and reliable protection in passenger vehicles.
<b>C3</b>	Low-SAPS lubricant delivering excellent engine protection and emissions system compatibility.
<b>C4</b>	Low-SAPS lubricant formulated for outstanding performance and emissions compliance.
<b>C5</b>	Low-viscosity, low-SAPS lubricant emphasizing fuel economy and smooth operation.
<b>C6</b>	Low-SAPS lubricant offering advanced LSPI and timing-chain wear protection.
<b>C7</b>	Low-SAPS, efficiency-focused lubricant providing durable protection for modern engines.
<b>E11</b>	Modern heavy-duty diesel oil with strengthened oxidation, aeration, and wear control.
<b>E2</b>	Heavy-duty diesel oil providing dependable protection for standard service.
<b>E4</b>	High-performance heavy-duty diesel oil for extended service and severe conditions.
<b>E6</b>	Low-SAPS heavy-duty diesel oil protecting engines with after-treatment systems.
<b>E7</b>	Robust heavy-duty diesel oil delivering durability for turbocharged engines.
<b>E8</b>	Advanced heavy-duty diesel oil improving oxidation control and piston cleanliness.
<b>E9</b>	Low-SAPS heavy-duty diesel oil balancing durability with emissions system protection.
<b>F01</b>	Fuel-efficient heavy-duty diesel oil lowering friction while maintaining durability.

## ILSAC

ENGINE OIL	
<b>GF-1</b>	Fuel-efficient gasoline engine oil standard for passenger cars (legacy).
<b>GF-2</b>	Improved fuel economy and protection versus GF-1 (legacy).
<b>GF-3</b>	Higher cleanliness and wear control for gasoline engines (legacy).
<b>GF-4</b>	Enhanced FE and emissions performance for modern gasoline engines (legacy).
<b>GF-5</b>	Improved deposit control, timing-chain wear and volatility over GF-4.
<b>GF-6A</b>	Modern FE standard with LSPI and timing-chain wear protection; backward compatible.
<b>GF-6B</b>	Low-viscosity subcategory (e.g., 0W-16) delivering FE and LSPI protection.
<b>GF-7</b>	Next-generation FE standard improving oxidation, sludge control, and durability.
<b>GF-7A</b>	Fuel-economy optimized GF-7 variant for low-viscosity multigrades.
<b>GF-7B</b>	Ultra-low-viscosity GF-7 subcategory extending performance to 0W-8/0W-12.

# API

ENGINE OIL	
CA	Basic diesel engine oil offering fundamental protection for legacy applications.
CB	Diesel engine oil with limited oxidation and wear control for older engines.
CC	Detergent diesel oil for moderate to severe service in legacy engines.
CD	Severe-duty diesel oil for older engines, replaced by modern categories.
CE	High-speed turbo-diesel oil with improved thickening and oxidation control.
CF	Diesel oil suitable for indirect injection and higher-sulfur fuel environments.
CF-2	Two-stroke diesel engine oil designed for severe service protection.
CF-4	Four-stroke diesel oil offering improved piston cleanliness and durability.
CG-4	Heavy-duty diesel oil providing robust protection for high-output engines.
CH-4	Diesel oil delivering enhanced soot handling and wear protection.
CI-4	Diesel oil designed for EGR-equipped engines, ensuring durable protection and cleanliness.
CI-4+	CI-4 oil with strengthened shear stability and soot control.
CJ-4	Low-ash diesel oil compatible with modern after-treatment systems.
CK-4	Premium diesel oil offering outstanding oxidation stability, wear protection, and cleanliness.
FA-4	Fuel-efficient diesel oil with lower HTHS for select engine designs.
SA	Basic gasoline engine oil with no additives, not suitable for modern engines.
SB	Gasoline oil with minimal protection, superseded by modern formulations.
SC	Early detergent gasoline oil offering limited protection for older engines.
SD	Gasoline oil providing improved cleanliness and wear control for legacy vehicles.
SE	Gasoline oil enhancing oxidation resistance and deposit control for older engines.
SF	Gasoline oil improving sludge control and wear protection for legacy vehicles.
SG	Gasoline oil offering better high-temperature stability and engine cleanliness.
SH	Gasoline oil with upgraded deposit and wear control for reliable operation.
SJ	Gasoline oil delivering dependable everyday protection and cleanliness.
SL	Gasoline oil promoting cleaner operation and improved oxidation control.
SM	Gasoline oil offering strong wear protection and long-lasting performance.
SN	High-quality gasoline oil delivering excellent piston cleanliness and deposit control.
SN+	Gasoline oil offering added protection against low-speed pre-ignition.
SP	Advanced gasoline oil ensuring superior wear resistance, chain protection, and efficiency.
SQ	Next-generation fuel-efficient gasoline oil with strengthened overall performance.
GEAR OIL	
GL-1	Mineral gear oil for light-duty manual gears; no EP additives.
GL-2	Mild-EP gear oil for worm gears under low loads.
GL-3	Moderate-duty gear oil for spiral-bevel gears and some manuals.
GL-6	High-load hypoid gear oil for severe scuffing conditions (largely obsolete).
MT-1	Heavy-duty manual transmission oil for non-synchronized truck and bus gearboxes.

# JASO

ENGINE OIL	
MA	Motorcycle 4T oil ensuring wet-clutch compatibility and balanced friction.
MA1	Lower-friction MA subclass for smoother wet-clutch engagement.
MA2	High-friction MA subclass for superior wet-clutch performance in modern bikes.
MB	Low-friction 4T oil for engines without wet clutches (e.g., scooters).
FA	Entry-level 2T oil with basic detergency and lubricity.
FB	Improved 2T oil providing better cleanliness and reduced smoke.
FC	Low-smoke, high-detergency 2T oil meeting stricter emission needs.
FD	Top-tier 2T oil offering exceptional detergency and minimal exhaust smoke.
DH-1	Diesel engine oil for Japanese heavy-duty engines without DPFs.
DH-2	Low-SAPS diesel oil compatible with DPF systems and extended drains.
DL-1	Light-duty low-SAPS diesel oil for passenger cars with DPFs.
DL-2	Advanced low-SAPS oil with improved soot and oxidation control.
DH-2F	Fuel-efficient extension of DH-2 with improved oxidation and deposits control.

# VOLKSWAGEN GROUP

## (VOLKSWAGEN, AUDI, SKODA, SEAT)

ENGINE OIL	
VW 505.00	Conventional diesel-engine oil for pre-unit injector TDIs; standard drain.
VW 505.01	High-performance oil for unit-injector (PD) TDIs requiring strong anti-wear.
VW 506.00	LongLife diesel oil (often OW-30) for extended drains.
VW 506.01	LongLife oil for PD diesels with enhanced wear resistance.
VW 503.00	Early LongLife gasoline oil designed for reduced viscosity and extended drains.
VW 503.01	High-performance LongLife gasoline oil for turbocharged engines.
VW 502.00	High-performance gasoline-engine oil for standard and turbocharged engines.
VW 500.00	Older gasoline-engine oil specification for moderate service.
VW 501.01	Legacy oil approval for older gasoline and diesel engines.
VW 507.00	Low-SAPS long-life oil for DPF-equipped diesel and gasoline engines.
VW 504.00	Premium long-life gasoline-engine oil with emissions compatibility.
VW 508.00	Ultra-low-viscosity OW-20 fuel-efficient oil for latest gasoline engines.
VW 509.00	Ultra-low-viscosity low-SAPS OW-20 oil for new-generation diesel engines.
VW 508.88	Extended FE ultra-low-viscosity oil variant for select engines.
VW 509.99	Diesel-engine long-life oil focusing on efficiency and emissions protection.
VW 511.00	Next-generation low-viscosity oil for hybrid/advanced engines.
GEAR OIL	
VW TL 525 12 – G 052 512 A2	Gear oil for manual transmissions ensuring smooth engagement.
VW TL 525 27 – G 052 527 A2	Synthetic gear oil providing extended service and efficiency.
VW TL 521 62 – G 052 162	Synthetic gear oil for manual transmissions and transaxles.
G 055 025 A2/A6	Synthetic gear oil offering low-friction performance.
G 052 990 A2	Synthetic gear oil ensuring smooth shifting and gear protection.
G 055 540 A2	High-performance gear oil offering durable anti-wear protection.
G 052 175 A2	Gear oil providing consistent lubrication and durability.
G 060 175 A2	Fuel-efficient synthetic gear oil for smoother operation.
G 055 175 A2	Synthetic gear oil for transfer cases and front differentials.
VW TL 525 16 – G 052 516 A2	Multi-purpose synthetic gear oil for manual gearboxes.
VW TL 521 71 – G 052 171 A1/A2	ATF for automatic transmissions ensuring reliable friction stability.
VW TL 521 78 – G 052 178 A2	Synthetic ATF designed for smoother shifting and thermal stability.
VW TL 726 – G 052 726 A2	Synthetic ATF designed for smoother shifting and thermal stability.
VW TL 726 – G 055 726 A2	Synthetic ATF ensuring consistent shift quality and low friction.
VW TL 726 – G 060 726 A2	Low-viscosity synthetic ATF optimized for efficiency.

VW TL 521 90 – G 052 190 A2	Synthetic ATF designed for enhanced durability and anti-wear protection.
VW TL 521 90 – G 055 190 A2	Updated low-friction ATF providing improved efficiency.
VW TL 521 45-X – G 052 145 A1	ATF for traditional automatic transmissions (earlier spec).
VW TL 521 45-Y – G 052 145 A2	Updated version with enhanced friction and oxidation control.
VW TL 521 82 – G 052 182 A2/A6	Synthetic ATF designed for high-temperature stability.
G 052 529	Synthetic ATF ensuring long-term oxidation and shear stability.
G 055 529 A2	Low-friction synthetic ATF enhancing shift smoothness and efficiency.
VW TL 521 80 – G 052 180 A2	Synthetic ATF designed for improved fuel efficiency.
VW TL 726 – G 070 726 A2	ATF approval for modern multi-speed transmissions.

# PORSCHE

ENGINE OIL	
Porsche A40	High-performance gasoline-engine approval emphasizing stability under severe load.
Porsche C40	Low-viscosity long-life approval for modern turbocharged engines.
Porsche C30	Mid-SAPS oil for engines with DPF/GPF systems.
Porsche C20	Fuel-efficient low-SAPS oil for smaller-displacement engines.

# BMW GROUP

ENGINE OIL	
Longlife 98 (LL-98)	High-performance long-drain approval for late-1990s BMW gasoline engines.
Longlife 01 (LL-01)	Robust long-drain approval for high-performance BMW gasoline engines.
Longlife 01 FE (LL-01 FE)	Fuel-efficient variant of LL-01 for approved BMW engines.
Longlife 04 (LL-04)	Low-/mid-SAPS long-life approval compatible with modern after-treatment systems.
LL-14 FE+	Fuel-efficient gasoline oil for advanced BMW engine protection.
LL-17 FE+	Fuel-efficient gasoline oil for modern BMW engine performance.
LL-19 FE	Fuel-efficient gasoline oil providing lasting protection and smooth operation in BMW engines.
LL-22 FE++	Advanced low-viscosity gasoline oil optimizing efficiency and engine durability in new BMW models.
Longlife 12 FE (LL-12 FE)	Low-viscosity, fuel-economy approval for newer BMW engines.
GEAR OIL	
ZF Lifeguard 6	Synthetic ATF for ZF 6-speed automatics ensuring stable shifting.
ZF Lifeguard 8	Synthetic ATF for ZF 8-speed automatics engineered for smooth shifts.
Dexron II-D	ATF approval for early automatic transmissions using mineral-based fluids.
Dexron III-H	Updated Dexron ATF offering improved friction stability and oxidation control.

# MERCEDES-BENZ GROUP

ENGINE OIL	
MB 229.71	Premium low-SAPS engine oil for latest gasoline/diesel engines.
MB 229.5	Long-drain high-SAPS oil for gasoline and diesel engines.
MB 229.31	Low-SAPS engine oil protecting DPF/GPF systems.
MB 229.52	Latest low-SAPS oil for BlueTEC engines with DPF and SCR.
MB 229.51	Mid-SAPS long-drain oil ensuring strong protection and emissions compatibility.
MB 229.3	High-SAPS oil for long drains and high-temperature durability.
MB 229.1	Older multigrade oil approval for basic engines.
MB 226.5	Renault-aligned low-SAPS oil ensuring emissions-system compatibility.
MB 226.51	Extended-drain low-SAPS oil for Renault diesel engines with DPF.
MB 226.52	Latest low-SAPS, fuel-efficient oil co-developed with Renault.
MB 229.6	High-performance fuel-efficient oil for turbocharged gasoline engines.
MB 229.61	Fuel-saving low-viscosity evolution of 229.6.
MB 229.72	Next-generation low-SAPS, fuel-efficient oil succeeding 229.52.
GEAR OIL	
MB 235.15	High-performance axle oil approval for limited-slip differentials.
MB 235.61	Synthetic gear oil approval for manual transmissions with low friction.
MB 235.8	High-load axle oil approval ensuring excellent thermal stability.
MB 235.74	Synthetic limited-slip differential oil approval.
MB 235.0	Mineral gear oil for standard manual gearboxes.
MB 235.20	High-load gear oil for hypoid axles.
MB 235.73	Synthetic gear oil for performance differentials.
MB 235.31	Synthetic GL-5 gear oil for high-load axles and manuals.
MB 235.9	Synthetic axle oil providing superior high-temperature resistance.
MB 235.10	Synthetic limited-slip differential oil for sports applications.
MB 235.7	Fuel-efficient synthetic gear oil for manual transmissions.
MB 235.11	Synthetic hypoid axle oil for heavy-duty performance.
MB 235.62	Synthetic gear oil approval for passenger-car manual transmissions.
MB 235.64	Fuel-efficient synthetic gear oil optimized for cold performance.
MB 239.21	Synthetic differential oil for high-load axles ensuring thermal stability.
MB 239.22	Fuel-efficient synthetic axle oil for modern drivetrains.
MB 239.31	High-performance axle oil optimized for quiet, durable operation.
MB 239.41	Limited-slip differential oil ensuring consistent traction.
MB 239.71	Synthetic gear oil for extended service life in high-torque use.
MB 239.72	Advanced long-drain synthetic axle oil for latest drivelines.
MB 236.6	Synthetic ATF approval for early electronic automatics (NAG1).
MB 236.1	Mineral ATF approval for traditional hydraulic transmissions.
MB 236.3	Synthetic ATF approval offering enhanced oxidation and shift stability.

MB 236.17	Synthetic ATF for 7G-Tronic Plus with low-viscosity focus.
MB 236.7	Synthetic ATF for 5-speed automatics ensuring smooth shifts.
MB 236.14	Synthetic ATF for 7G-Tronic gearboxes with improved friction stability.
MB 236.9	ATF approval for 5-speed automatic transmissions (NAG2).
MB 236.5	Synthetic ATF with improved oxidation and shear stability.
MB 236.10	ATF for 7-speed automatics offering consistent shift performance.
MB 236.15	Low-friction ATF providing enhanced fuel-saving capability.
MB 236.12	Synthetic ATF for high-temperature stability and extended life.
MB 236.11	Synthetic ATF with improved oxidation and friction stability.

# FIAT, ALFA ROMEO, LANCIA, CHRYSLER, JEEP

ENGINE OIL	
9.55535-S1	Fuel-efficient mid-SAPS approval (often ACEA C2, 5W-30) for after-treatment systems.
9.55535-S2	Mid-SAPS, durability-focused approval (often 5W-40/C3) for extended protection.
9.55535-G1	Fuel-economy approval for gasoline engines with long-drain capability.
9.55535-G2	Standard-SAPS approval for gasoline engines emphasizing robustness.
9.55535-GS1	0W-30 ACEA C2-type approval for select modern gasoline engines.
9.55535-DS1	0W-30 ACEA C2-type approval for modern diesel engines with DPF.
9.55535-DSX	Fuel-efficient diesel approval (mid-SAPS) aligned to latest emissions needs.
9.55535-DM1	Diesel-engine approval emphasizing durability and extended drain.
9.55535-H2	High-HTHS A3/B4-type approval (often 5W-40) for robust protection.
9.55535-H3	Enhanced A3/B4-type approval targeting high-performance use.
9.55535-M2	A3/B4-type approval for long-drain durability in demanding service.
9.55535-N2	A3/B4-type approval focusing on high-temperature stability and cleanliness.
9.55535-Z2	A3/B4-type approval emphasizing high-load wear protection.
9.55535-T2	Gasoline-engine approval offering long-life performance for older Euro engines.
9.55535-GH2	Low-viscosity FE approval for newer gasoline engines requiring ACEA C2 behaviour.

# CHRYSLER, JEEP, DODGE, RAM

ENGINE OIL	
MS-6395	Gasoline-engine oil approval (ILSAC-style) with added OEM requirements.

# FORD

ENGINE OIL	
WSS-M2C913-D	5W-30 fuel-efficient long-drain approval for many Ford gasoline and diesel engines.
WSS-M2C948-B	Low-viscosity 5W-20 fuel-economy approval for select EcoBoost gasoline engines.
WSS-M2C952-A1	0W-20 diesel/gasoline approval focused on fuel economy and after-treatment compatibility.
WSS-M2C950-A	High-performance low-SAPS diesel oil ensuring efficiency and durability for modern Ford engines.

# RENAULT GROUP, NISSAN (ALLIANCE)

ENGINE OIL	
RN0700	Gasoline-engine oil approval for standard drain intervals.
RN0710	Diesel-engine approval for engines without DPF; high-temperature protection.
RN0720	Low-SAPS diesel-oil approval for engines equipped with DPF systems.
RN0730	Low-viscosity FE oil for latest Euro 6d engines.
RN17	Modern mid-SAPS approval replacing RN0700/0710; optimized from 0W-20 to 5W-30.
RN17 FE	Fuel-efficient low-viscosity 0W-20 variant of RN17 for new-generation engines.
RN17 RSA	Performance approval for Renault Sport applications emphasizing stability.

# VOLVO CARS

ENGINE OIL	
VCC RBS0-2AE	Ultra-low-viscosity 0W-20 FE oil for Drive-E engines, ensuring efficiency and protection.
VCC C6SP	Mid-SAPS long-life oil for turbocharged engines and hybrids.
VCC 95200377	0W-30 long-drain oil meeting ACEA A5/B5 for durability and economy.
VCC 95200356	0W-30 mid-SAPS oil for diesel engines with DPF systems.
VDS	Standard heavy-duty diesel oil for reliable engine protection.
VDS-2	Improved oxidation and soot control for older heavy-duty diesel engines.
VDS-3	Extended-drain oil offering enhanced piston cleanliness and wear protection.
VDS-4	Low-SAPS oil for Euro V/VI engines with DPF/SCR systems.
VDS-4.5	Upgraded version improving oxidation, aeration, and fuel economy.
VDS-5	Latest low-viscosity heavy-duty oil ensuring durability and emissions compliance.

# GENERAL MOTORS (OPEL, VAUXHALL, SAAB)

ENGINE OIL	
GM-LL-B-025	Long-life approval for diesel engines requiring extended drain intervals.
GM-LL-A-025	Long-life gasoline-engine approval ensuring high cleanliness and efficiency.
Dexos 1	Modern gasoline-engine spec with LSPI and chain-wear protection.
Dexos 2	Mid-SAPS gasoline/diesel spec for DPF/GPF compatibility and long drains.
Dexos1 Gen 3	Advanced gasoline oil protecting against LSPI and oxidation while improving efficiency in GM engines.
OV 040 1547	Legacy GM/Opel oil approval for mid-SAPS applications.
GEAR OIL	
API GL-4	Gear oil approval for synchronized manual transmissions.
API GL-5	Gear oil approval for hypoid axles under heavy loads.
GL-4 75W-80	Manual-transmission oil delivering smooth operation and wear control.
GL-5 75W-90	Synthetic gear oil for axles under extreme load, ensuring durability.

# PSA (PEUGEOT, CITROËN, DS, OPEL UNDER STELLANTIS)

ENGINE OIL	
PSA B71 2290	Mid-SAPS engine oil approval for DPF/GPF compatibility and efficiency.
PSA B71 2294	Legacy PSA approval for gasoline/diesel per earlier ACEA baselines.
PSA B71 2295	Higher-performance legacy PSA approval emphasizing durability.
PSA B71 2312	0W-30 mid-SAPS approval for BlueHDi SCR/DPF engines and select gasoline units.
PSA B71 2010	Fuel-efficient low-viscosity approval for newer PSA gasoline engines.
PSA B71 2316	Modern PSA approval aligning fuel economy with after-treatment protection.
PSA B71 300	Legacy PSA approval—confirm applicability against newer B71 specs.
PSA B71 301	Legacy PSA approval for older applications.
PSA B71 2296	Low-SAPS engine oil delivering cleanliness, protection, and efficiency for PSA vehicles.
PSA B71 2297	Fuel-saving low-SAPS oil ensuring optimal protection and efficiency for modern PSA engines.

# MAN

ENGINE OIL	
270	Monograde diesel engine oil delivering reliable protection in MAN engines.
271	Multigrade diesel engine oil providing dependable performance in MAN engines.
M 3275	Diesel engine oil for normal service, promoting durability in trucks and buses.
M 3277	Enhanced diesel engine oil for extended performance in trucks and buses.
M 3477	High-performance diesel engine oil ensuring superior cleanliness and engine life.
M 3575	Advanced heavy-duty diesel engine oil providing durable protection and cleanliness.
M 3677	High-performance oil for Euro VI MAN engines with extended drains.
M 3777	Premium long-drain oil offering strong oxidation and piston cleanliness.
M 3977	New-generation long-drain oil ensuring efficiency and emissions compliance.
M 3775	Heavy-duty engine oil balancing durability and long service.
M 3377	Long-drain oil ensuring cleanliness and deposit control under high load.
M 3691	Engine oil for MAN gas engines ensuring clean, reliable operation.
M 4391	Dedicated oil approval for MAN natural-gas engines (spark-ignited).
M 3291	Diesel engine oil for conventional service intervals in commercial vehicles.
M 3271-1	Legacy multigrade diesel engine oil for mixed-fleet operation.
GEAR OIL	
341 GA1	High-performance transmission oil for Voith-type systems, ensuring reliable operation.
341 GA2	High-performance transmission oil for updated Voith requirements.
341 Z2	High-performance transmission oil for ZF systems, ensuring robust operation.
341 Z4	Upgraded ZF transmission oil approval with improved durability.
341 Z5	Advanced ZF transmission oil approval for high-speed service.
341 VR	Multipurpose oil ensuring optimal performance across various conditions.
341 MB	Transmission oil tailored for mechanical bus gearboxes under high load.
342 M1	High-pressure transmission oil for Eaton-Fuller systems.
342 M2	High-pressure transmission oil ensuring long-term durability and cleanliness.
342 M3	Upgraded transmission oil approval with enhanced shear stability.
342 S1	High-pressure oil designed for Vickers and Eaton-Fuller applications.
342 S2	Advanced S-series oil with improved EP and anti-foam performance.

# SCANIA

ENGINE OIL	
LDF-4	Low-SAPS heavy-duty oil enabling extended drain and DPF compatibility.
LDF-3	Long-drain heavy-duty diesel oil with strong oxidation and wear control.
LDF-2	Extended-drain diesel oil for Euro III-V engines.
LA	Standard diesel engine oil for older Scania models.

# MILITARY SPECIFICATIONS (MIL)

ENGINE OIL	
MIL-PRF-2104	Multi-grade engine oil for military diesel and gasoline engines.
MIL-PRF-2104N	Enhanced version with improved oxidation and wear resistance for military engines.
MIL-PRF-2104H / G	Earlier multi-fuel engine-oil iterations for gasoline and CI engines.
GEAR OIL	
MIL-PRF-2105E	Extreme-pressure gear oil for hypoid gear sets.

# CATERPILLAR

ENGINE OIL	
ECF-1	Heavy-duty diesel oil meeting early Cat emission needs above legacy API categories.
ECF-2	Enhanced heavy-duty oil exceeding API CI-4/CI-4+ for durability in Cat engines.
ECF-3	Latest Cat ECF spec strengthening protection for modern on-highway diesels.

## Contact us

For more information about our products, feel free to reach out. MARA is backed by the expertise of Mapetrol, ensuring reliable support and service.

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