

MARA



2025
may

product catalogue

www.mara-oil.com

Welcome to **MARA**

MARA: Where Tradition Fuels Innovation

Since the 1930s, Mariborska Rafinerija (MARA) has been synonymous with excellence in motor oils and engine care. With a legacy built on decades of expertise, we have transformed from a dedicated local producer into a global name in automotive lubrication.

Driven by a passion for quality, reliability, and innovation, MARA has expanded its reach across continents, earning the trust of drivers, mechanics, and industry professionals worldwide. Our commitment to research and development ensures that our products consistently exceed evolving automotive standards, delivering peak performance and protection.

At MARA, we embody the essence of European craftsmanship, striving to set new benchmarks in quality and efficiency. Our vision is not just to power engines but to fuel aspirations—enhancing every journey with precision-engineered motor oils designed for a smoother, more reliable driving experience.

Choose MARA – built on tradition, trusted for reliability.

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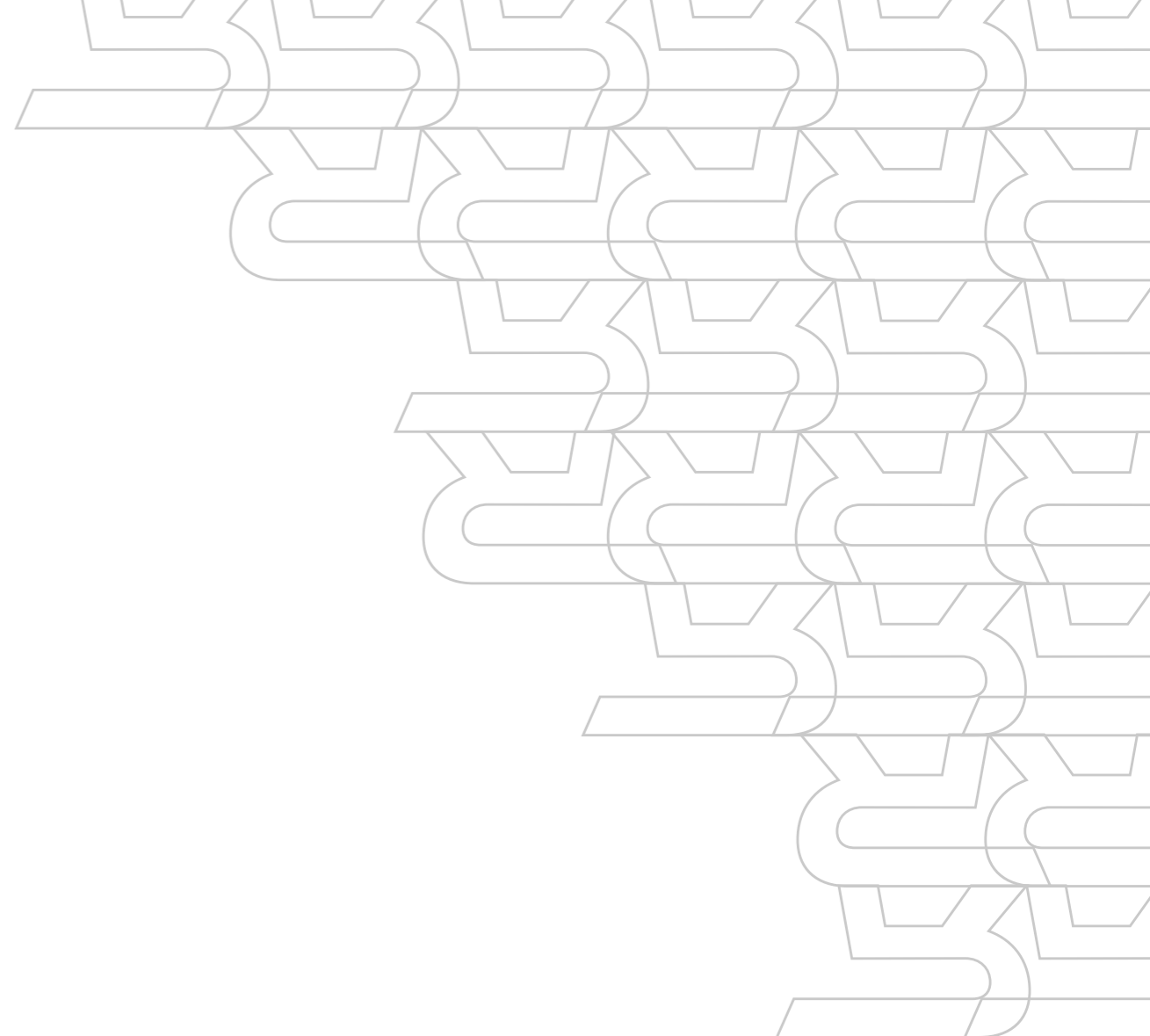
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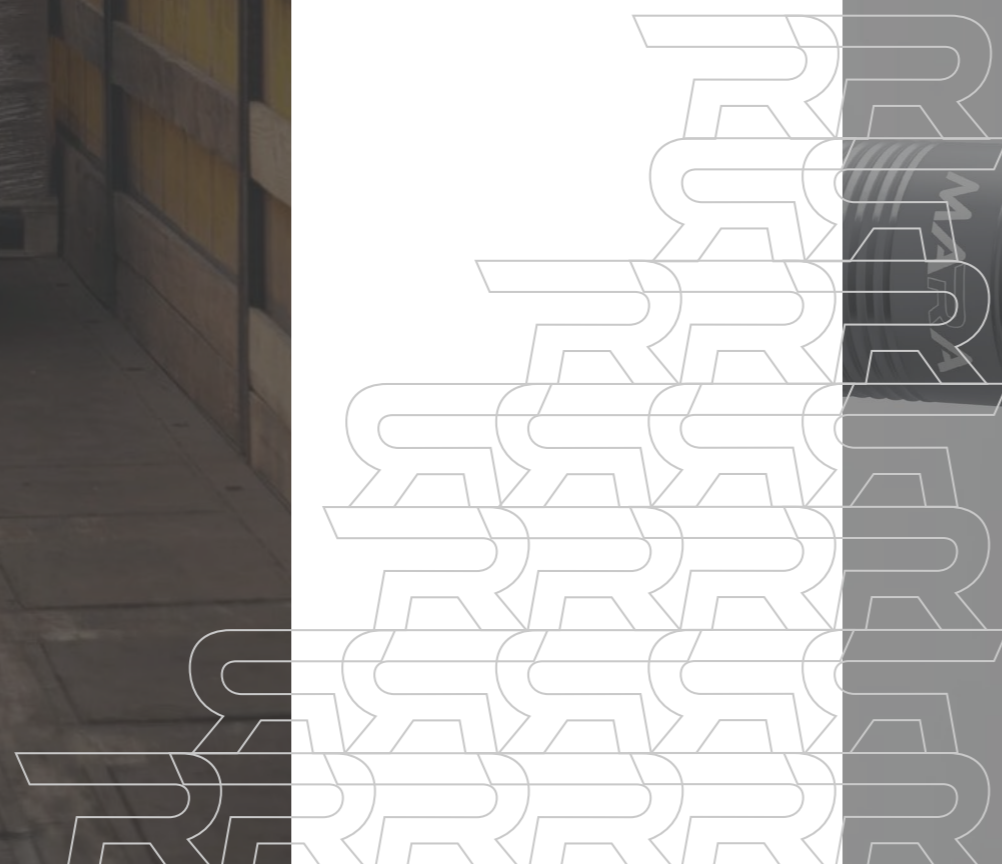
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Packaging

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.

JUNGHEINRICH





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 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.



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.



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.



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.



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 E7-12;
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 E7-12 (2012);
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

AGCO POWERFLUID 821XL; Allison C-4; API GL-4;
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; 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
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 50cm³). 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
READY TO USE**

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

Description
High-quality concentrated coolant, protecting against freezing in winter and boiling in summer. It prevents corrosion, cavitation, and foaming, ideal for aluminum-based systems. DILUTE AS PER THE MIXING TABLE BEFORE USE!



**COOLANT
G12+
CONCENTRATE
READY TO USE**

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
Based on ethylene glycol. Means for cooling and protection of the engine from freezing and corrosion. Contains highly efficient corrosion inhibitors and anti-foaming additives. Does not contain silicates, amines, phosphates, or nitrites. BEFORE FILLING THE COOLING SYSTEM, IT MUST BE DILUTED ACCORDING TO THE MIXING TABLE!



**SCREENWASHER
WINTER
-20°C**

Description
Ready to use for crystal-clear visibility and frost protection down to -20°C. Tough on grime, gentle on your windshield and safe for paint, rubber and wipers. Leaves no streaks or smears for a spotless winter drive.



ADBLUE

Description
AdBlue® is a urea solution in water designed for vehicles with diesel engines equipped with SCR technology that complies with the Euro IV, Euro V, and Euro VI standards related to the reduction of NOx gas emissions. AdBlue® meets the measurements set by the ISO 22241 standard for AdBlue®.



**GARDEN
4T
10W-30**

Specifications
API SL, CF;
ACEA A3/B4-04

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.



**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.



**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.



**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.



**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.



**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.



**COMPRESSOR
OIL**
32
46
68
100
220
320

Specifications

ISO 6743-3 (L-DAA, DAB, DAG);
DIN 51506 (VDL, VBL);
ISO/DP 6521 (L-DAA, DAB, DAG)

Description

High-quality mineral oil for lubricating air compressors and some vacuum pumps, offering thermal stability, anti-corrosion, anti-wear properties, and low sludge formation.



KALOL
22
32
68

Specifications

ISO 6743-14 (L-U)

Description

A hardening oil designed for metalworking. It offers excellent cooling, minimizes cracks, and has low evaporability for long-term use. Ideal for all steel tempering, including ball bearings and alloy steels. Optimal cooling temperature: 40-70°C.



REDOL
68
100
150
220
320
460

Specifications

ISO 6743-6 (L-CKC/CKD)/12925-1(L-CKC/CKD);
DIN 51517-3 (CLP);
AGMA 9005-E02;
AISE/USS 224;
Cincinnati Machine EP Gear;
David Brown S1.53.101

Description

High-quality mineral oil with EP additives, designed for industrial gear drives under high loads. It excels in lubricating gear transmissions, gearboxes, and bearings in industries such as cement, steel, mining, and rubber.



TERMOL
32
100

Specifications

ISO 6743-12 (L-Q);
DIN 51522

Description

Heat transfer mineral oil, thermally stable and non-corrosive, providing efficient heat transfer in closed systems up to 320°C. Recommended for heating in rubber, plastics, paints, asphalt, grain kilns, and textiles industries.



**SLIDE WAY
OIL**
32
46
68
100
220
320

Specifications

ISO 6743-4 (L-HG)/6743-13 (L-GA)/
11158 (L - HG)/19378(GA);
CINCINNATI MACHINE P-53 (VG 32)/
P-47 (VG 68)/P-50 (VG 220)

Description

Mineral oil for lubricating sliding rails, tracking systems, and hydraulic elements in machine tools. It ensures excellent control, rust protection, and smooth movement at low speeds.



REZOL
EPN
15
22
32

Specifications

ISO 6743-7 (L-MHE)

Description

A mineral oil for metal cutting, free of chlorinated paraffins, suitable for machining steel, cast iron, and non-ferrous metals. Ideal for swiping treatments of non-ferrous metals and their alloys.



SEPAROL
22
100

Specifications
ISO 6743 (L-AN)

Description

Mineral oil for lubricating construction formwork/molds. Ensures easy concrete separation, smooth surfaces, and corrosion protection. Suitable for steel, wood, metal, and plastic plating.

API CLASSIFICATION OF PASSENGER VEHICLE ENGINE LUBRICANTS

SM	High-performance lubricants for modern passenger vehicle engines, ensuring excellent protection and efficiency.
SL	Engine oils for passenger vehicles, offering superior wear and oxidation protection, ensuring smooth operation and longevity.
SJ	Lubricants for older passenger vehicle engines, providing reliable protection against wear and deposits.

ACEA CLASSIFICATION OF PASSENGER VEHICLE ENGINE LUBRICANTS

A1/B1	For modern engines, offering improved fuel efficiency and strong wear and oxidation protection.
A3/B3	Robust performance and reliability for passenger vehicle engines, ideal for high-performance and longevity.
A3/B4	High-performance protection for passenger vehicle engines, ensuring efficiency and durability.
A5/B5	Superior fuel efficiency and strong engine protection for modern vehicles, prioritizing performance and durability.
C1	Low-SAPS lubricants for modern engines, providing optimal performance and emissions control.
C2	Low-SAPS lubricants for high performance and emissions compliance in passenger vehicles.
C3	Low-SAPS lubricants for modern engines, offering excellent performance and emissions control.
C4	Low-SAPS lubricants formulated for modern engines, providing outstanding performance and emissions compliance.

API CLASSIFICATION OF HEAVY DUTY VEHICLE ENGINE LUBRICANTS

CJ-4	High-performance lubricants ensuring superior protection and efficiency.
CI-4	Robust lubricants offering strong protection and performance.
CH-4	Reliable performance and durability.
CG-4	Robust performance and durability.
CF-4	Strong performance and reliability.
CF-2	Essential lubrication and protection for two-stroke diesel engines.
CF	Reliable lubrication and wear protection.

ACEA CLASSIFICATION OF HEAVY DUTY VEHICLE ENGINE LUBRICANTS

E2	Designed for robust lubrication and performance.
E4	High-performance lubricants ensuring exceptional durability and efficiency.
E6	Superior protection and efficiency for modern engines.
E7	Ensures strong protection and efficiency.
E9	Provides exceptional protection and efficiency.

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.



API C CLASSIFICATION OF DIESEL ENGINE LUBRICANTS

CJ-4	For 2007 emission-standard engines, enhances protection for engines with DPFs and other after-treatment systems.
CI-4	For 2004 emission-standard engines, protects engines using EGR systems.
CH-4	For 1998 emission-standard engines, suitable for demanding conditions and high soot production.
CG-4	For severe conditions in high-speed, four-stroke diesel engines, protects turbocharged engines and supports Exhaust Aftertreatment Systems.
CF-4	For severe conditions in high-speed, four-stroke engines, compatible with Exhaust Aftertreatment Systems.
CF-2	For heavy-duty, two-stroke engines.
CF	For indirect-injection, high-speed, four-stroke diesel engines, suitable for various conditions including off-road and high sulfur fuel use.
CE	For severe-duty applications in high-speed, four-stroke engines.
CD	For certain naturally aspirated and turbocharged engines, protects diesel engines from high temperatures and soot.

API EC CLASSIFICATION OF ENERGY CONSERVING ENGINE LUBRICANTS

SH/EC	Reduces fuel consumption by at least 1.5% compared to SAE 20W-30 oil.
SH/ECII	Reduces fuel consumption by at least 2.5% compared to SAE 20W-30 oil.
CJ/EC	Reduces fuel consumption when used with API-SJ, providing at least 1.1% savings for OW-XX and 5W-XX oils.

AAMA AND JAMA ILSAC

GF-1	Obsolete. Matched API SH, available in SAE 0W-XX, 5W-XX, and 10W-XX viscosities.
GF-2	Introduced in 1996, matched API SJ standards.
GF-3	Introduced in 2001, matched API SL standards.
GF-4	Introduced in 2004, matched API SM standards.
GF-5	Introduced in 2009, matched API SN standards, focused on fuel economy and emissions control.

MIL – MILITARY STANDARD

MIL-L	Military standard for lube oils.
MIL-G	Military standard for greases and hydraulic fluids.

MANUAL TRANSMISSION FLUIDS

MERCEDES-BENZ	
MB 235.0	SAE 90 and API GL-5 oils for optimal performance and protection.
MB 235.1	SAE 80W, 80W-85, 85W-90, and API GL-4 oils for reliable performance and protection.
MB 235.4	Fully synthetic 75W-85 oils meeting API GL-4 for high performance and protection.
MB 235.5	Oils meeting MB 235.1 specifications with extended oil change intervals for optimal performance and protection.
MB 235.6	Oils meeting MB 235.0 and API GL-5 specifications for high performance and protection.
MB 235.7	Fully synthetic 75W-90 oils for optimal performance and protection.
MB 235.8	Special fully synthetic 75W-90 oils for high performance and protection.
MB 235.9	Special semi-synthetic 75W-90 oils meeting API GL-4 for reliable performance and protection.
MB 235.10	Special fully synthetic 75W-90 oils meeting API GL-4 for optimal performance and protection.
MB 235.11	Fully synthetic 75W-90 gear oils meeting API GL-4, ensuring superior performance and longevity.
MB 235.12	SAE30 and SAE40 motor oils for use as gear oils in tropical climates, ensuring reliability in high temperatures.
MB 235.13	Fully synthetic SAE50 oils for LKW gearboxes, offering robust performance and durability.
MB 235.15	Hypoid SAE75W-85 oils for rear axle reduction gears, ensuring optimal performance and protection.
MB 235.20	Mineral hypoid SAE80W-90 oils for HL6 gearboxes, providing reliable lubrication and performance.
MB 235.27	Oils for retarder systems in commercial vehicles, ensuring efficient operation and durability.
MB 235.28	Retarder oils meeting Voith B specifications for optimal performance and longevity in commercial vehicles.
MB 235.29	Retarder oils meeting Voith C specifications for reliable performance and durability in commercial vehicles.
MB 235.61	Fully synthetic 75W-140 oils for AMG vehicles, providing superior lubrication and performance, especially for high-performance driving.

VOLKSWAGEN AUDI GROUP	
VW 501 50	Specialized lubricants for gearboxes.
G 052	SAE 75W-90 fluids, including types like G 052 911 A, G 052 180 A2, G 052 190 A2, G 052 175 A1.

MAN	
MAN 341 Typ VR	High-pressure oil for Vickers and Eaton-Fuller systems, ensuring durability.
MAN 341 Typ Z1-5	High-pressure oil for ZF systems, ensuring robust performance.
MAN 341 Typ E1-4	High-pressure oil for Eaton-Fuller systems, ensuring reliable performance.
MAN 342 Typ M1-3	Extreme pressure oil, providing superior performance and protection.
MAN 342 Typ S1-2	Extreme pressure oil, ensuring exceptional durability.
MAN 3343 Typ M	Multipurpose oil, providing reliable lubrication for various conditions.
MAN 3342 Typ S	Multipurpose oil, ensuring optimal performance across various conditions.

ENGINE LUBRICANTS

VOLSKWAGEN AUDI GROUP

VW 500 00	Low-viscosity oil for gasoline and diesel engines (SAE 5W-30, 5W-40, 20W-30, 10W-40) meeting ACEA A3-96 standards.
VW 501 01	Multigrade oil for gasoline and diesel engines, ensuring reliable performance.
VW 502 00	For gasoline engines with extended oil change intervals, meeting ACEA A3-96 standards.
VW 503 00	Multigrade oil for gasoline engines with extended intervals, exceeding VW 502 00 with high HTHS viscosity.
VW 503 01	Specifically for turbocharged gasoline engines with extended intervals, higher HTHS viscosity.
VW 504 00	New spec for Long Life engines, for gasoline and diesel engines with DPF.
VW 505 00	All-season oil for diesel engines, ACEA B3 standards.
VW 505 01	For Unit Pump diesel engines with extended intervals, superior protection.
VW 506 00	Multigrade oil for diesel engines, ACEA B4-98 standards, high HTHS viscosity.
VW 506 01	For Unit Pump diesel engines with extended intervals, surpasses VW 505 01.
VW 507 00	Longlife-Service oil for gasoline and diesel engines with DPF, high-performance standards.

BMW

Longlife-98	For gasoline engines since 1998, approved for long-life and pre-released engines, ensuring superior lubrication.
Longlife-01	For gasoline engines since September 2001, ensuring optimal lubrication and protection.
Longlife-01 FE	For gasoline engines since 2001, enhancing fuel economy while ensuring optimal lubrication.
Longlife-04	For gasoline engines since 2004, meeting emission standards and providing extended drain intervals.
Special Engine Oils	For BMW gasoline and diesel engines before 1998, tailored for older engine designs.

MERCEDES-BENZ

MB 226.9	Gas engine oil for CNG engines, ensuring optimal lubrication tailored to CNG systems.
MB 228.0/1	Monograde and multigrade oils for turbocharged diesel engines, extending oil change intervals and meeting ACEA E2 standards.
MB 228.2/3	SHPD oil for highly turbocharged diesel engines, extending oil change intervals and meeting ACEA E3 standards.
MB 228.31	Multigrade oil for diesel engines in trucks and buses, compliant with EURO 3, 4, and 5 standards.
MB 228.5	UHPD oil for highly turbocharged diesel engines, meeting API CF-4, CG-4, and ACEA E4-98 standards.
MB 228.51	Low SAPS UHPD oil for turbocharged diesel engines with DPF, meeting EURO IV standards.
MB 229.1	For gasoline and diesel engines, with extended oil change intervals for optimal protection.
MB 229.3	For cars with extended oil change intervals, enhancing lubrication for gasoline and diesel engines.
MB 229.31	Low SAPS oil for engines with DPF, ensuring extended oil change intervals and protection.
MB 229.5	For gasoline and diesel engines, featuring extended oil change intervals and optimal performance.
MB 229.51	High-performance oil for engines with DPF, featuring Low SAPS technology and extended oil change intervals.

PORSCHE

Porsche A40	For Vickers systems in MAN vehicles, ensuring smooth operation and reliable transmission performance.
Porsche C30	For ZF systems in MAN vehicles, offering optimal lubrication and transmission performance.

MAN

MAN 270	Monograde diesel engine oil for MAN engines, providing robust lubrication and performance.
MAN 271	Multigrade diesel engine oil for MAN engines, offering enhanced lubrication across various conditions.
MAN M 3275	Super high-performance diesel engine oil, available in multigrade (M 3275-1) and monograde (M 3275-2) formulations, designed for extended oil drain intervals up to 45,000 km.
MAN M 3277	Super high-performance diesel engine oil for MAN engines, with extended oil drain intervals up to 80,000 km, low ash content, and compatibility with exhaust after-treatment systems.
MAN M 3477	Super high-performance diesel engine oil with low ash content, designed for engines equipped with exhaust after-treatment systems in MAN vehicles.
MAN M 3271	Gas engine oil designed for stationary engines in MAN vehicles, ensuring optimal lubrication and performance.

OPEL

GM-LL A-025	For gasoline vehicles with extended oil drain intervals, ensuring reliable lubrication and protection.
GM-LL B-025	For diesel vehicles with extended oil drain intervals, providing optimal lubrication and engine protection.

AUTOMATIC TRANSMISSION FLUIDS

MERCEDES-BENZ

MB 236.1	Gear oil meeting DEXRON II specs for reliable performance in Mercedes-Benz automatic transmissions.
MB 236.2	ATF Type A Suffix A gear oil for smooth operation and longevity in Mercedes-Benz automatic transmissions.
MB 236.3	Special oil for power steering in Mercedes-Benz S-class W220, ensuring optimal performance.
MB 236.5	Gear oil meeting Allison C4 specs for exceptional performance and durability in Mercedes-Benz automatic transmissions.
MB 236.6/ MB 236.7	Gear oil meeting DEXRON II-D specs for reliable performance in Mercedes-Benz automatic transmissions.
MB 236.8	Gear oil meeting DEXRON II-E specs for enhanced performance in Mercedes-Benz automatic transmissions.
MB 236.81	ATF meeting ZF TE-ML 09 and 14 specs for superior performance in Mercedes-Benz automatic transmissions.
MB 236.9	Gear oil meeting DEXRON III specs for enhanced performance in Mercedes-Benz automatic transmissions.
MB 236.10	Special oil for automatic transmissions with GKUB in Mercedes-Benz, ensuring optimal performance.
MB 236.11	Special oil for ZF HP 20 and VW AG4 automatic transmissions in Mercedes-Benz, providing excellent performance.
MB 236.12	Special oil for 7-speed automatic transmissions, ensuring smooth operation in Mercedes-Benz vehicles.
MB 236.13	Service fluid for Mercedes-Benz automatic transmissions, ensuring optimal performance and reliability.
MB 236.14	Formulated for 5-speed with KÜB and 7-speed automatic transmissions in Mercedes-Benz, ensuring smooth shifting.
MB 236.20	For continuously variable transmissions (CVT) in Mercedes-Benz, providing smooth operation.
MB 236.91	Formulated for Allison transmissions, ensuring reliable performance in Mercedes-Benz vehicles.

MAN

MAN 339 Typ V1-2	For Vickers systems in MAN vehicles, ensuring smooth operation and reliable performance.
MAN 339 Typ Z1-4	For ZF systems in MAN vehicles, providing optimal lubrication and performance.

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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Where tradition
meets quality—
driving reliability
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