



Heavy duty diesel engine oils - low SAPS

Eurol Geo-Max SA 15W-40

Universal Heavy Duty Diesel engine oil

Description

Eurol Geo-Max SA 15W-40 is a premium engine oil for naturally aspirated and turbocharged four-stroke diesel and gasoline engines operating under severe service in a wide range of climatic conditions, delivering API CK-4 performance.

Eurol Geo-Max SA 15W-40 is formulated to address major North American and European OEM specifications needs for new engine hardware and operating conditions.

Eurol Geo-Max SA 15W-40 has excellent wear, deposit, sludge and corrosion protection. It improves oxidation protection performance by over 60% compared to the previous API CJ-4 technology.

Eurol Geo-Max SA 15W-40 is fully backwards compatible with API CJ-4, API CI-4+, CI-4 and previous.

Eurol Geo-Max SA 15W-40 delivers sustained emission control durability in particulate filters and it is compatible with advanced after treatment devices. It exceeds all current emission control systems as EGR (Exhaust Gas Recirculation), DPF (Diesel Particulate Filter) or SCR (Selective Catalytic Reduction).

Eurol Geo-Max SA 15W-40 is formulated for use in all vehicles with diesel fuels ranging in sulfur content up to 500 ppm. Eurol Geo-Max SA 15W-40 is also suitable in gasoline engines where SAE 15W-40 with API SN performance is specified.

Performance level

- API CK-4
- API SN
- API CJ-4
- ACEA E6
- ACEA E9
- ACEA E8/E11
- DTFR 15C100 (MB 228.31)
- DTFR 15C120 (MB 228.52)
- MAN M 3275
- Volvo VDS-4.5
- Volvo VDS-4
- Caterpillar ECF-3
- CES 20081
- Deutz DQC III-10 LA
- Ford WSS-M2C171-E
- MTU type 2.1
- Detroit Diesel DDC 93K218
- MAN M 3575
- JASO DH-2
- Ford WSS-M2C171-F
- Cummins CES 20086
- Detroit Diesel DDC93K222
- Mack EO-O Premium Plus
- Mack EOS-4.5
- Renault VI RLD-3
- MAN M 3775

Recommended for use

- ACEA E7

Physical properties

Colour	brown	
Density at 20°C	0.86 kg/l	ASTM D 4052
Viscosity, kinematic at 40°C	107.5 cSt	ASTM D 445
Viscosity, kinematic at 100°C	14.9 cSt	ASTM D 445
Viscosity Index	144	ASTM D 2270
Viscosity, dynamic (CCS)	4200 cP	ASTM D 5293
Base number	9.8 mg	ASTM D 2896
Sulphated ash	0.99 wt%	ASTM D 874
Flash point	210 °C	ASTM D 93
Pour point	-36 °C	ASTM D 97

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