



Quality is in our nature

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 mixed fleet engine oil for naturally aspirated and turbocharged four-stroke diesel and gasoline engines operating under severe service in a wide range of climatic conditions, delivering API CK-4 performance.

Eurol Geo-Max SA 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.

Specifications

<u>Approved</u>	Volvo VDS-4	Detroit Diesel DDC93K222
API CK-4	Caterpillar ECF-3	Mack EO-O Premium Plus
Volvo VDS-4.5	CES 20081	MAN 3775
Mack EOS-4.5	Deutz DQC III-10 LA	<u>Recommended for use</u>
Renault VI RLD-3	Ford WSS-M2C171-E	ACEA E7
<u>Performance level</u>	MTU type 2.1	
API SN	Detroit Diesel DDC 93K218	
API CJ-4	MAN M 3575	
ACEA E9	JASO DH-2	
MB 228.31	Ford WSS-M2C171-F	
MAN M3275	Cummins CES 20086	

Physical properties

Colour	brown	
Density at 20°C	0.879 kg/l	ASTM D 1298
Viscosity, kinematic at 40°C	120.8 cSt	ASTM D 445
Viscosity, kinematic at 100°C	15.4 cSt	ASTM D 445
Viscosity Index	133	ASTM D 2270
Viscosity, dynamic (CCS)	6175 cP	ASTM D 2602
Base number	9.9 mg KOH/g	ASTM D 2896
Sulphated ash	0.99 wt%	ASTM D 874
Flash point	210 °C	ASTM D 93
Pour point	-33 °C	ASTM D 97

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