



Heavy duty diesel engine oils - low SAPS

# Eurol Geo-Max SA 10W-30

Universal Heavy Duty Diesel engine oil

## Description

Eurol Geo-Max SA 10W-30 is a premium mixed fleet engine oil for naturally aspirated and turbocharged four-stroke diesel and gasoline engines operating under severe service in a wide range of climatic conditions, delivering API CK-4 performance.

Eurol Geo-Max SA 10W-30 is formulated to address major North American and European OEM specifications needs for new engine hardware and operating conditions.

Eurol Geo-Max SA 10W-30 has excellent wear, deposit, sludge and corrosion protection. It improves oxidation protection performance by over 60% compared to the previous API CJ-4 technology.

Eurol Geo-Max SA 10W-30 is fully backwards compatible with API CJ-4, API CI-4+, CI-4 and previous.

Eurol Geo-Max SA 10W-30 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 10W-30 is formulated for use in all vehicles with diesel fuels ranging in sulfur content up to 500 ppm. Eurol Geo-Max SA 10W-30 is also suitable in gasoline engines where SAE 10W-30 with API SN performance is specified.

## Approved

- API CK-4
- Volvo VDS-4.5
- Mack EOS-4.5
- Renault VI RLD-3

## Performance level

- API CJ-4
- ACEA E6
- ACEA E9
- ACEA E8/E11
- DTFR 15C100 (MB 228.31)
- Volvo VDS-4
- Caterpillar ECF-3
- Deutz DQC III-10 LA
- MTU type 2.1
- Cummins CES 20086
- Detroit Diesel DDC93K222
- Ford WSS-M2C171-F1
- MAN M 3775
- Iveco 18-1804 TLS E9

## Recommended for use

- API SN/CF
- ACEA E7
- MAN M 3275
- CES 20081
- Detroit Diesel DDC 93K218
- DAF
- MAN M 3575
- Mack EO-O PP
- JASO DH-2

## Physical properties

Colour	brown	
Density at 20°C	0.861 kg/l	ASTM D 4052
Viscosity, kinematic at 40°C	82 cSt	ASTM D 445
Viscosity, kinematic at 100°C	12 cSt	ASTM D 445
Viscosity Index	141	ASTM D 2270
Viscosity, dynamic (CCS)	6000 cP	ASTM D 5293
HTHS	3.5 cP	CEC CL 23
Base number	10.0 mg	ASTM D 2896
Sulphated ash	0.99 wt%	ASTM D 874
Flash point	236 °C	ASTM D 93
Pour point	-37 °C	ASTM D 97

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