



Heavy duty diesel engine oils - Fully Synthetic

Eurol Geo-Max FE 5W-30

Fully synthetic UHPD motor oil, based on low SAPS technology

Description

Eurol Geo-Max FE 5W-30 is a fully synthetic motor oil for commercial vehicles based on so called 'low SAPS' technology. This entails that sulphur, phosphorus and sulphated ash concentrations are reduced radically to protect the exhaust gas after treatment systems.

Eurol Geo-Max FE 5W-30 is applicable to a wide range of modern trucks, because it meets a wide performance spectrum. Eurol Geo-Max FE 5W-30 can also be used for engines without a diesel particle filter.

Eurol Geo-Max FE 5W-30 has fuel economy properties and because of the special additive technology, both the oil and the engine are kept clean in an unprecedented way. In Euro-IV, Euro-V and Euro-VI engines, the harmful exhaust gas emission is reduced.

Eurol Geo-Max FE 5W-30 is a so called 'long drain' oil and is therefore suitable for prolonged drain intervals, if allowed by the OEM and depending on working conditions and filtration methods, so it reduces maintenance costs.

Eurol Geo-Max FE 5W-30 can also be applied in older trucks with Euro-III engines, where ACEA E4 is prescribed.

Approved

- API CK-4
- Scania LDF-4
- Volvo VDS-4.5
- Mack EOS-4.5
- Renault VI RLD-3
- MAN M 3775
- MAN M 3777
- MAN M 3677
- MB-Approval 228.52

Performance level

- API CJ-4
- ACEA E4
- ACEA E6
- ACEA E7
- ACEA E9
- ACEA E8/E11
- DTFR 15C110 (MB 228.51)
- DTFR 15C100 (MB 228.31)
- MAN M 3477
- MAN M 3271-1
- Volvo VDS-4
- Renault VI RLD-2
- Caterpillar ECF-3
- CES 20081
- MTU type 3.1
- MTU type 2.1
- DDC PGOS 93K218
- MAN M 3575
- Mack EO-O PP
- JASO DH-2
- Deutz DQC IV-10-LA
- Cummins CES 20086
- Detroit Diesel DDC93K222
- Renault VI RLD-4
- MAN M 3691
- Deutz DQC TTCD, DQC IV-18 LA

Physical properties

Colour	brown	
Density at 20°C	0.85 kg/l	ASTM D 4052
Viscosity, kinematic at 40°C	74.7 cSt	ASTM D 445
Viscosity, kinematic at 100°C	12.2 cSt	ASTM D 445
Viscosity Index	165	ASTM D 2270
Viscosity, dynamic (CCS)	6145 cP	ASTM D 5293
Base number	13.0 mg	ASTM D 2896
Sulphated ash	1 wt%	ASTM D 874
Flash point	228 °C	ASTM D 93
Flashpoint COC	228 °C	ASTM D 92
Pour point	-39 °C	ASTM D 97

Recommended for use

- DAF

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