



Heavy duty diesel engine oils - Fully Synthetic

Eurol Marathol FE 5W-30

Fully synthetic UHPD motor oil, based on low SAPS technology

Beschreibung

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

Eurol Marathol FE 5W-30 contributes to a higher fuel economy and, because of the special additive technology, both the oil and the engine are kept clean in an unprecedented way. In Euro-4, Euro-5 and Euro-6 engines, the harmful exhaust gas emission is reduced.

Eurol Marathol FE 5W-30 is suitable for extended drain intervals, if allowed by the OEM and depending on working conditions and filtration methods, so it reduces maintenance cost.

Eurol Marathol FE 5W-30 can also be applied in older trucks with Euro-3 engines, where Mercedes 228.5 or MAN 3277 is prescribed, as well Renault RXD in countries where diesel with a low sulphur content is used. Eurol Marathol FE 5W-30 is also recommended in gasoline engines, where SAE 5W-30 with API SN (as well as SJ, SL and SM) is prescribed.

Approved

- API CJ-4/SN
- MAN M 3677
- Volvo VDS-4
- Mack EO-O PP
- Scania LDF-4
- Renault VI RLD-3

Performance level

- ACEA E6
- ACEA E7
- ACEA E9
- DTFR 15C110 (MB 228.51)
- MAN M 3477
- MAN M 3271-1
- Volvo VDS-3
- Renault VI RLD-2
- Renault RXD
- Caterpillar ECF-3
- CES 20081
- MTU type 3.1
- Renault RGD
- Detroit Diesel DDC 93K218
- Voith Class B
- Mack EO-M Plus
- JASO DH-2
- Deutz DQC IV-10-LA

Recommended for use

- Scania Low Ash
- DAF

Physikalische Eigenschaften

Farbe	braun	
Dichte bei 20°C	0.852 kg/L	ASTM D 4052
Viskosität, kinematisch bei 40°C	70.3 cSt	ASTM D 445
Viskosität, kinematisch bei 100°C	11.9 cSt	ASTM D 445
Viskositätsindex	166	ASTM D 2270
Viskosität, dynamisch (CCS)	5860 cP	ASTM D 5293
HTHS	3.5 cP	CEC CL 23
Base number	10.1 mg	ASTM D 2896
Sulfatasche	0.99 wt%	ASTM D 874
Flammpunkt	226 °C	ASTM D 93
Stockpunkt	-48 °C	ASTM D 97

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