

- Certificate / Product Information -

RAVENOL Low Emission Truck SAE 10W-40

Art. 1122109

SEMI-SYNTHETIC

TRUCK

Description:

RAVENOL Low Emission Truck SAE 10W-40 is an all-season semi-synthetic multigrade SHPD engine oil (Super High Performance Diesel), which has been developed to the exhaust emission standards Euro V and Euro VI and is used in extremely heavy duty commercial vehicle diesel engines.

RAVENOL Low Emission Truck SAE 10W-40 is suitable for application in exhaust-optimized engines with exhaust gas after treatment.

RAVENOL Low Emission Truck SAE 10W-40 reduces friction, wear and fuel consumption and provides for longer oil change intervals in turbo diesel engines.

RAVENOL Low Emission Truck SAE 10W-40 with shear stable additives improves performance, reliability and cleanliness of the engines.

Application Directions:

RAVENOL Low Emission Truck SAE 10W-40 is a year round high performance motor oil, especially designed for economic use in Euro V and Euro VI engines with after treatment systems in the viscosity class SAE 10W -40 heavy duty vehicle diesel engines.

RAVENOL Low Emission Truck SAE 10W-40 is preferred recommended by the extended oil change intervals specified by the manufacturer in turbo diesel engines.

Quality Classification:

RAVENOL Low Emission Truck SAE 10W-40 is approved, tried and tested for aggregates specifying:

Specifications: API CJ-4, API CI-4; ACEA E4, E6, E7, E9

Approvals: MB-Approval 228.31; MB-Approval 228.51; MAN M 3271-1, M 3477, M 3575 ; Volvo VDS-4, Mack EO-O Premium Plus, Renault VI RLD-3

Recommendations: Caterpillar ECF-3; Cummins CES 20081; DAF; Detroit Diesel DDC 93K218; Deutz DQC IV-10 LA; JASO DH-2; MB 235.28; MTU Type 2.1, MTU Type 3.1; Scania Low Ash; VOITH Klasse B

Technical Characteristics:

RAVENOL Low Emission Truck SAE 10W-40 offers:

- Extremely high pressure absorption capacity
- Very high oxidation stability
- Excellent aging stability
- Excellent viscosity and temperature behaviour
- High security reserves even under limited lubrication circumstances
- Suitable for extended oil change intervals
- Suitable for heavy operating conditions

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Technical Values:

Characteristics	Unit	Data	Test according to
Density at 20 °C	kg/m ³	859,0	EN ISO 12185
Colour		brown	visual
Viscosity at 100 °C	mm ² /s	14,1	DIN 51562-1
Viscosity at 40 °C	mm ² /s	90,2	DIN 51562-1
Viscosity Index VI		161	DIN ISO 2909
CCS Viscosity at -25 °C	mPa*s	5089	ASTM D5293
Pourpoint	°C	-39	DIN ISO 3016
Flashpoint	°C	230	DIN ISO 2592
TBN	mg KOH/g	9,2	ASTM D2896
Sulphated ash	%wt.	0,83	DIN 51575

All indicated data are approximate values and are subject to the commercial fluctuations.