



# RAVENOL Low Emission Truck SAE 10W-40



1L | 1122109-001  
5L | 1122109-005  
10L | 1122109-010  
20L | 1122109-020  
20L | 1122109-B20  
60L | 1122109-060  
60L | 1122109-D60  
208L | 1122109-208  
208L | 1122109-D28  
1000L | 1122109-700

**Kategorie:** Truck engine oil

**Artikelnummer:** 1122109

**Viscosity:** 10W-40

**Specifications:** ACEA E11, ACEA E4, ACEA E7, ACEA E8, ACEA E9, ACEA E6, API CJ-4, API CK-4

**Oil type:** Semi-synthetic

**Approvals:** DTFR 15C110, DTFR 15C120, Mack EO-O PP (Premium Plus), Renault Trucks RLD-3, VOLVO VDS-4

**Recommendations:** Caterpillar ECF-3, Cummins CES 20081, DAF, Detroit Diesel Corporation (DDC) DFS93K218, Deutz DQC IV-10 LA, DTFR 13D110 (MB 235.28), JASO DH-2, MAN M 3271-1, MAN M 3477, MAN M 3575, MB 228.31, MB 228.51, MB 235.28, MTU Typ 2.1, MTU Typ 3.1, Scania LowAsh, Voith Retarder B

**Application:** Agricultural machinery, Truck

**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 instructions

**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.

## Characteristics

- An extremely high pressure absorption capacity
- Very high oxidation stability
- Excellent resistance to aging
- Excellent viscosity-temperature behavior
- High safety reserves even under boundary lubrication conditions

- Suitable for extended oil change intervals
- Best suitability for difficult operating conditions

## Technical Product Data

CHARACTERISTICS	PROPERTY	DATA	AUDIT
Colour		braun	VISUELL
Sulphated Ash	%wt.	0,83	DIN 51575
tdn	mg KOH/g	9,2	ASTM D2896
Viscosity at 100 °C	mm <sup>2</sup> /s	14,1	DIN 51562-1
Viscosity at 40 °C	mm <sup>2</sup> /s	90,2	DIN 51562-1
Viscosity Index VI		161	DIN ISO 2909
CCS Viscosity at -25 °C	mPa*s	5089	ASTM D5293
Density at 20 °C	kg/m <sup>3</sup>	859,0	EN ISO 12185
Flashpoint	°C	230	DIN EN ISO 2592
Pourpoint	°C	-39	DIN ISO 3016