



1 L | 1122105-001  
5 L | 1122105-005  
10 L | 1122105-010  
20 L | 1122105-020  
20 L | 1122105-B20  
60 L | 1122105-060  
60 L | 1122105-D60  
208 L | 1122105-208  
208 L | 1122105-D28  
1000 L | 1122105-700

## RAVENOL EXPERT SHPD SAE 10W-40

**Category** Truck engine oil

**Item number** 1122105

**Viscosity** 10W-40

**Specification** ACEA A3/B4, ACEA E4, ACEA E7, API CI-4, API SL

**Oil type** Semi-Synthetic

**Approvals** API CI-4, Cummins CES 20077, Cummins CES 20078, Deutz DQC III-10, Mack EO-M Plus, Mack EO-N, MB-Freigabe 228.3, MB-Freigabe 229.1, MTU Typ 2, Renault VI RLD-2, TEDOM 258-3 (61-0-0258), VOLVO VDS-3, YaMZ

**Recommendation** Allison C4, Caterpillar TO-2, Cummins CES 20071, Cummins CES 20072, Cummins CES 20076, DAF, Global DHD-1, IVECO, MAN M 3275-1, Scania LDF, Voith Retarder B, VW 500 00, VW 505 00

**Application** Truck, Agricultural machinery

**RAVENOL Expert SHPD SAE 10W-40** is a easy running engine oil for the use in heavily used induction motors, turbo diesel engines. Selected active ingredients ensure maximum engine cleanliness, even in short-haul traffic. The mixture of unconventional as well as HC basic oils, synthetic components and modern additives guarantees longest oil change intervals and a high corrosion protection at a low oil and fuel consumption.

**RAVENOL Expert SHPD SAE 10W-40** has an excellent flow behaviour even at low temperatures. The quick reach of critical lubrication points provides a considerable corrosion reduction during the warm-up period. Exclusive additives guarantee the best engine cleanness even at short distances.

### Application Note

**RAVENOL Expert SHPD SAE 10W-40** is low-friction long-life engine oil for all kind of diesel engines with and without turbocharging in trucks, buses and machinery. Suitable for the longest oil change intervals.

### Characteristics

- Excellent detergent and dispersant characteristics
- Low evaporation
- A high ageing stability
- Protection of reflecting surface formation

- Very good cold start characteristics
- Reduces oil and fuel consumption

## Technical Product Data

Density at 20 °C	866,0	kg/m <sup>3</sup>	EN ISO 12185
Colour	braun		VISUELL
Viscosity at 100 °C	14,2	mm <sup>2</sup> /s	DIN 51562-1
Viscosity at 40 °C	93,5	mm <sup>2</sup> /s	DIN 51562-1
Viscosity Index VI	155		DIN ISO 2909
CCS Viscosity at -25 °C	6480	mPa*s	ASTM D5293
Pourpoint	-36	°C	DIN ISO 3016
Noack Volatility	7,3	% M/M	ASTM D5800
Flashpoint	234	°C	DIN EN ISO 2592
tbn	11,0	mg KOH/g	ASTM D2896
Sulphated Ash	1,45	%wt.	DIN 51575

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

18.02.2022