



1 L | 1122105-001
5 L | 1122105-005
10 L | 1122105-010
20 L | 1122105-020
20 L | 1122105-B20
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 / 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

Property	Unit	Data	Audit
Density at 20 °C	866,0	kg/m³	EN ISO 12185
Colour	gelbbraun		VISUELL
Viscosity at 100 °C	14,2	mm²/s	DIN 51562-1
Viscosity at 40 °C	93,5	mm²/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

06.10.2021