



## RAVENOL Expert SHPD 10W-40



ART.-NR. 1122105

1 L | 1122105-001  
5 L | 1122105-005  
7 L | 1122105-007  
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

**VISCOSITY** 10W-40

**SPECIFICATIONS** API CI-4 | ACEA E4 | ACEA E7 | ACEA A3 | ACEA B4 | API SL

**FABRICATION** SEMI-SYNTHETIC

**APPROVALS** CUMMINS CES 20077 | CUMMINS CES 20078 | DEUTZ DQC III-10 LA | MACK EOM-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 | LICENSE: API CI-4

**RECOMMENDATIONS** SCANIA LDF | GLOBAL DHD-1 | ALLISON C-4 | VOITH RETARDER B | DAF | EATON (EXTENDED DRAIN), IVECO, RENAULT | VW 500 00/ 505 00 | MAN M 3275-1

**RAVENOL Expert SHPD 10W-40** is a easy running engine oil for the use in heavily used induction motors, turbo diesel engines as well as petrol engines.

**RAVENOL Expert SHPD 10W-40** is suitable for the use of a mixed car pool. 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.

## Application Notes

**RAVENOL Expert SHPD 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.

## Characteristics

**RAVENOL Expert SHPD 10W-40** offers:

- 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



Property	Unit	Data	Audit
Density at 20°C	kg/m <sup>3</sup>	866,0	EN ISO 12185
Colour		gelbbraun	visual
Viscosity at 100°C	mm <sup>2</sup> /s	14,2	DIN 51 562
Viscosity at 40°C	mm <sup>2</sup> /s	93,5	DIN 51 562
Viscosity index VI		155	DIN ISO 2909
Viscosity at -25°C	mPa.s	6480	DIN 51 377
Pourpoint	°C	- 36	DIN ISO 3016
Noack Volatility	% M/M	7,3	ASTM D5800
Flash point (COC)	°C	234	DIN ISO 2592
TBN	mg KOH/g	11	ASTM D2896
Sulphated ash	%wt.	1,45	DIN 51 575

All information correspond to the best of our knowledge to the actual situation of the cognitions and our development. Subject to alterations. All references made to DIN-norms are only for the description of the goods. There is no guarantee. In case there will be any problems please contact the technical service.

Release: : 11. February 2021