



RAVENOL Expert SHPD 10W-40

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.

Quality Classifications

RAVENOL Expert SHPD 10-40 is approved, tried and tested for aggregates specifying:

Specifications

ACEA E4/E7, A3/B4, License: API CI-4/SL, API CI-4 beinhaltet: CH-4/CG-4/CF

Approvals

MB-Approval 228.3, MB-Approval 229.1, Cummins CES 20077, CES 20078, DEUTZ DQC III-10, MAN M 3275-1, Volvo VDS 3, YaMZ, MACK EOM-Plus, MACK EO-N, Renault VI RLD-2, MTU Typ 2, TEDOM 258-3 (61-0-0258)

Practice and tested in aggregates with filling

Cummins CES 20071,-72, -76, SCANIA LDF, Global DHD-1 VW 500 00, 505 00, Caterpillar TO-2, Allison C-4, Voith Retarder B, IVECO, DAF

Characteristic

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

Characteristics	Unit	Data	Audit
Colour		gelbbraun	visual
Density at 20°C	kg/m ³	868	EN ISO 12185
Viscosity at -25°C	mPa.s	<7000	DIN 51 377
Viscosity at 40°C	mm ² /s	92,0	DIN 51 562
Viscosity at 100°C	mm ² /s	13,7	DIN 51 562
Viscosity index VI		151	DIN ISO 2909
Flash point (COC)	°C	214	DIN ISO 2592
Pourpoint	°C	-36	DIN ISO 3016
TBN	mg KOH/g	11	DIN ISO 3771
Sulphated ash	%wt.	1,3	DIN 51 575

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

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.

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