



RAVENOL VPD SAE 5W-40

Diesel-Synthetic

Pumpe-Düse

RAVENOL VPD SAE 5W-40 is a high performance synthetic mid SAPS low friction oil with CleanSynto® technology based on the most modern synthesis technology, which was especially developed for engines of the new TDI generation. It is suitable for passenger cars diesel engines with and without turbocharging and direct injection are used.

RAVENOL VPD SAE 5W-40 ensures minimized friction, wear and fuel consumption and excellent cold start characteristics. Extends oil change intervals according to manufacturer's recommendation.

RAVENOL VPD SAE 5W-40 guarantees operational safety for all driving conditions, such as extreme stop and go traffic as well as high speed highway trips.

RAVENOL VPD SAE 5W-40 is recommended for VW diesel engines with "Pumpe-Düse-System" according to VW 505 01.

Application Notes

RAVENOL VPD SAE 5W-40 is recommended for VW diesel engines with "Pumpe-Düse-System" according to VW 505 01.

Quality Classifications

Specifications

API SM/CF, ACEA C3

Approvals

VW 505 00 / 505 01, VW 502 00

Practice and tested in aggregates with filling

MB 229.51, Ford WSS-M2C917-A, BMW Longlife-04, Porsche, Fiat 9.55535-GH2, Chrysler MS-11116

Characteristic

RAVENOL VPD SAE 5W-40 offers:

- Recommendation for VW diesel engines with "Pumpe-Düse-System" according to VW 505 01
- MID SAPS = reduced sulfated ash, phosphorus and sulfur
Fastest lubrication time and fastest time filling of the bucket tappet that means no cold start rattling
- Respectively cold start corrosion
- Highest wear protection at all flexible parts like valve actuating device, camshaft and piston rings
- even under permanent full load trips
- No deposits in combustion chambers in the piston ring zone, and on valves by a solid product.
- Neutrality towards sealing materials.

Characteristics	Unit	Data	Audit
Density at 20°C	kg/m ³	848,0	EN ISO 12185
Colour		yellow brown	visual
Viscosity at 100°C	mm ² /s	13,8	DIN 51 562
Viscosity at 40°C	mm ² /s	83	DIN 51 562
Viscosity index VI		171	DIN ISO 2909
HTHS at 150°C	mPa*s	3,75	ASTM D5481
CCS Viscosity at -30°C	mPa*s	5500	ASTM D5293
Low Temp. Pumping viscosity (MRV) at -40°C	mPa*s	21.050	ASTM D4684
Pourpoint	°C	-39	DIN ISO 3016
Noack Volatility	%	8,7	ASTM D5800/b
Flash point	°C	242	DIN ISO 2592
TBN	mg KOH/g	7,7	ASTM D2896
Sulphated ash	%wt.	0,7	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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