

Ravensberger Schmierstoffvertrieb GmbH
Postfach 1163
33819 Werther
Tel.: 05203/9719-0
Fax.: 05203/9719-40 / 41

-Certificate/ ProductInformation -

RAVENOL VPD SAE 5W-40

Art. 1111131

Diesel-Fullysynth
Pumpe-Düse

CleanSynto®

Description:

RAVENOL VPD SAE 5W-40 is a high performance fully 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.

Application Directions:

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

Quality Classification:

RAVENOL VPD SAE 5W-40 is approved, tried and tested for aggregates specifying:

Specification: API SM/CF, ACEA C3

Approvals: VW 505 00 / 505 01, VW 502 00

Recommendations: MB 229.51, Ford WSS M2C 917A, BMW Longlife-04, Porsche, Fiat 9.55535-GH2, Chrysler MS-11116

Technical Characteristics:

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.

Technical Values:

Characteristics	unit	data	test according to	
Colour		yellow brown	visual	
Density	at 20 °C	kg/m ³	848	EN ISO 12185
Viscosity	at -30°C	mPa*s	5500	ASTM D5293
Viscosity	at 40 °C	mm ² /s	83	DIN 51 562
	at 100 °C	mm ² /s	13,8	DIN 51 562
Viscosity index VI			171	DIN ISO 2909
Flash point	COC	°C	242	DIN ISO 2592
Pour point		°C	- 39	DIN ISO 3016
TBN		mg KOH/g	7,7	DIN ISO 3771

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

To the best of our knowledge all information reflects the current state of findings and our development. Subject to change. Any reference to DIN standards are solely for product description purposes and do not represent a guarantee. If problems occur please consult a technician.

25.01.16