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-Certificate/ ProductInformation -

RAVENOL VPD SAE 5W-40

Art. 1111131

Diesel-Fullsynth
Pumpe-Düse

CleanSynto®

Description:

RAVENOL VPD SAE 5W-40 is a high performance low friction oil with CleanSynto® technology, especially developed for engines of the new TDI generation. It has excellent cold start characteristics, saves fuel and resists high temperatures for example at the turbo charger. **RAVENOL VPD SAE 5W-40** is recommended for VW diesel engines with "Pumpe-Düse-System" according to VW 505 01.

Application Directions:

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

RAVENOL VPD SAE 5W-40 is miscible respectively compatible with all trademark single-grade and multigrade engine oils.

Quality Classification:

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

Specification: API SM/CF, ACEA A3/B4, 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

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 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

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.

14.10.15