



RAVENOL VSI SAE 5W-40

RAVENOL VSI SAE 5W-40 is a future oriented fully synthetic engine oil which allows a fuel efficient operation of engines. In order to guarantee the low viscosity of the SAE-class 5W as well as only a small loss due to evaporation at the same time a reliable and highly loaded engine oil of the EC-class (Energy Conserving) has been developed with RAVENOL SAE VSI 5W-40 on the basis of the most modern synthesis technology.

RAVENOL VSI SAE 5W-40 meets all high-tech demands of the most recent powerful generation of engines.

Application Notes

RAVENOL VSI SAE 5W-40 is suitable for the energy saving operation all the year of all modern cars with petrol and diesel engines and was specially developed for turbochargers as well as the catalytic operation.

RAVENOL VSI SAE 5W-40 guarantees operational safety concerning all driving conditions as for example regarding extreme stop and go traffic as well as high speed drives on motorways.

Quality Classifications

Specifications

API SN/CF, ACEA A3/B4, Lizensiert: API SN

Approvals

Porsche A40 (currently valid for all PORSCHE cars as of model year 1994 except Cayenne V6 and all PORSCHE Hybrid cars for longdrain and except all PORSCHE Diesel cars), Renault RN0700/RN0710

Practice and tested in aggregates with filling

MB 229.3, MB 229.5 / MB 226.5, VW 502 00/505 00, BMW Longlife 01, Opel GM-LL-B-025, Fiat 9.55535-H2, Chrysler MS-10850, MS-10896, PSA B71 2296

Characteristic

RAVENOL VSI SAE 5W-40 offers:

- High abrasion resistance
- Fuel saving because of easy running characteristics
- Excellent detergent and dispersant characteristics
- Prevention of black sludge creation
- Long endurance because of high oxidation stability
- Excellent cold start performance
- Very good viscosity temperature behaviour
- Low evaporation
- Suitable for catalysts

Characteristics	Unit	Data	Audit
Density at 20°C	kg/m ³	845	EN ISO 12185
Colour		brown	visual
Viscosity at 100°C	mm ² /s	14,1	DIN 51 562
Viscosity at 40°C	mm ² /s	85,3	DIN 51 562
Viscosity index VI		172	DIN ISO 2909
HTHS at 150°C	mPa*s	3,6	ASTM D5481
CCS Viscosity at -35°C	mPa*s	4220	ASTM D5293
Low Temp. Pumping viscosity (MRV) at -40°C	mPa*s	17.000	ASTM D4684
Pourpoint	°C	-51	DIN ISO 3016
Noack Volatility	%	8,0	ASTM D5800/b
Flash point (COC)	°C	238	DIN ISO 2592
TBN	mg KOH/g	10	ASTM D2896
Sulphated ash	%wt.	1,2	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.

08.06.2018

