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- Certificate / ProductInformation -

RAVENOL TSi SAE 10W-40

Art. 1112110

CleanSynto®

Description:

RAVENOL TSi SAE 10W-40 is a high additive treated engine oil which allows an energy-saving operation because of its additivation, choice of base oils and viscosity adjustment. In order to guarantee the low viscosity of the SAE class 10W as well as a low evaporation loss **RAVENOL TSi SAE 10W-40** is produced on the basis of hydro crack oils and polyalphaolefins (PAO) which correspond to the high tech demands. **RAVENOL TSi SAE 10W-40** contains less than 30 % Polyalphaolefins (PAO).

Application Directions:

RAVENOL TSi SAE 10W-40 is suitable for all modern cars with petrol and diesel engines all the year; no sludge in the motor, excellent results during the test run. High engine cleanness is guaranteed also in case of turbo charging and a complete catalyst operation as well as multi valves and diesel direct injections.

Quality Classification:

RAVENOL TSi SAE 10W-40 is approved, tried and tested for aggregates specifying:

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

License: API SN, API SM

Approvals: MB-Approval 229.1, VW 501 01 / 505 00, BMW Special Oil

Recommendations: VW 502 00, VW 500 00

Technical Characteristics:

RAVENOL TSi SAE 10W-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

Technical Values:

Characteristics	unit	data	test according to
Colour		yellow brown	visual
Density at 20 °C	kg/m ³	868	EN ISO 12185
Viscosity at 40 °C	mm ² /s	91,3	DIN 51 562
	mm ² /s	14,0	DIN 51 562
Viscosity index VI		157	DIN ISO 2909
Flash point (COC)	°C	210	DIN ISO 2592
Pour point	°C	- 35	DIN ISO 3016
TBN	mg KOH/g	7,0	DIN ISO 3771
Sulphated ash	% wt.	1,5	DIN 51 575

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.

16.05.14