



1L | 1112110-001
4L | 1112110-004
5L | 1112110-005
10L | 1112110-010
20L | 1112110-020
20L | 1112110-B20
60L | 1112110-060
60L | 1112110-D60
208L | 1112110-208
208L | 1112110-D28
1000L | 1112110-700

RAVENOL TSi SAE 10W-40

Kategorie: Passenger car motor oil

Artikelnummer: 1112110

Viscosity: 10W-40

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

Oil type: Semi-synthetic

Approvals: API SM, API SN, BMW Special Oil, VW 501 01, VW 505 00

Recommendation: MB 229.1, MB 229.3, VW 500 00, VW 502 00

Application: Passenger car

Technology: Clean Synto®

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 Note

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.

Characteristics

- 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 Product Data

| PROPERTY | UNIT | DATA | AUDIT |
|---|--------------------|--------|-----------------|
| Density at 20 °C | kg/m ³ | 862,0 | EN ISO 12185 |
| Colour | | braun | VISUELL |
| Viscosity at 100 °C | mm ² /s | 14,5 | DIN 51562-1 |
| Viscosity at 40 °C | mm ² /s | 97,7 | DIN 51562-1 |
| Viscosity Index VI | | 153 | DIN ISO 2909 |
| HTHS Viscosity at 150 °C | mPa*s | 4,03 | ASTM D5481 |
| CCS Viscosity at -25 °C | mPa*s | 4900 | ASTM D5293 |
| Low Temp. Pumping viscosity (MRV) at -30 °C | mPa*s | 18.000 | ASTM D4684 |
| Pourpoint | °C | -42 | DIN ISO 3016 |
| Noack Volatility | % wt. | 10,7 | ASTM D5800 |
| Flashpoint | °C | 224 | DIN EN ISO 2592 |
| tbn | mg KOH/g | 10,0 | ASTM D2896 |
| Sulphated Ash | % wt. | 1,3 | DIN 51575 |

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

Alle angegebenen Daten sind ca. Werte und unterliegen handelsüblichen Schwankungen.

08.02.2023