



RAVENOL RSS SAE 10W-60

Kategorie: Passenger car motor oil

Artikelnummer: 1141100

Viscosity: 10W-60

Oil type: Fully synthetic

Recommendation: Rennstrecken-Partner: Empfehlung Ralf Schumacher, Rennstrecken-Partner: Hockenheim Premium Partner, Rennstrecken-Partnerschaft: ADAC GT masters, Rennstrecken-Partnerschaft: Nürburgring Tested

Application: Passenger car, Racing

Technology: USVO®, Racing



RAVENOL RSS SAE 10W-60 is a modern, PAO (poly-alpha-olefin) based fully synthetic multigrade engine oil with USVO® Technology.

Due to the USVO® technology we achieve an extremely high viscosity stability. We avoid the disadvantages of polymeric viscosity improvers while taking advantage of them. This improves engine protection, performance, engine cleanliness and oil drain intervals. The USVO® technology makes it possible that the product has no shear losses during the entire change interval and is extremely stable to oxidation. This unique technology helps oil to be lubricated faster, thereby minimizing friction while keeping the engine clean and efficient.

Due to the special mixture of synthetic, highly polar Group V base oils with a high proportion of high and low viscosity PAO, it could be formulated without the use of viscosity index improvers.

Due to its high viscosity index, its high HTHS value, extreme shear stability and a highly effective special novel additivation with molybdenum and tungsten, **RAVENOL RSS SAE 10W-60** is also suitable for an extremely sporty driving style.

RAVENOL RSS SAE 10W-60 utilizes the positive properties of molybdenum and tungsten to smooth the surface structure of the motor, reducing friction and wear, and significantly improving mechanical efficiency.

RAVENOL RSS SAE 10W-60 achieves a secure lubrication layer thanks to its unique formulation even at very high operating temperatures, protection from corrosion (oxidation) and foaming.

Application Note

RAVENOL RSS SAE 10W-60 is ideally suited for gasoline engines for car racing, even when subject to the highest levels of strain.

Characteristics

- Ultra-modern fully synthetic engine oil for car race with special molybdenum and tungsten additives

1L | 1141100-001

4L | 1141100-004

5L | 1141100-005

10L | 1141100-010

20L | 1141100-020

20L | 1141100-B20

60L | 1141100-060

60L | 1141100-D60

208L | 1141100-208

208L | 1141100-D28

1000L | 1141100-700

- Safe lubricating layer at very high operating temperatures
- High HTHS value, extreme shear stability
- Very stable and excellent viscosity behaviour
- Very low evaporation tendency
- Very good cold start characteristics
- Very good detergent and dispersant characteristics
- Protection against corrosion and foam formation

Technical Product Data

| PROPERTY | UNIT | DATA | AUDIT |
|---|--------------------|--------|-----------------|
| Colour | | braun | VISUELL |
| Sulphated Ash | %wt. | 1,3 | DIN 51575 |
| tbn | mg KOH/g | 11,1 | ASTM D2896 |
| Viscosity at 100 °C | mm ² /s | 23,4 | DIN 51562-1 |
| Viscosity at 40 °C | mm ² /s | 154,6 | DIN 51562-1 |
| Viscosity Index VI | | 180 | DIN ISO 2909 |
| CCS Viscosity at -25 °C | mPa*s | 5900 | ASTM D5293 |
| Density at 20 °C | kg/m ³ | 859,0 | EN ISO 12185 |
| Flashpoint | °C | 250 | DIN EN ISO 2592 |
| HTHS Viscosity at 150 °C | mPa*s | 5,8 | ASTM D5481 |
| Low Temp. Pumping viscosity (MRV) at -30 °C | mPa*s | 20.000 | ASTM D4684 |
| Noack Volatility | % M/M | 5,8 | ASTM D5800 |
| Pourpoint | °C | -54 | DIN ISO 3016 |

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