RAVENOL RSS SAE 10W-60

Kategorie: Passenger car motor oil

Artikelnummer: 1141100

Viscosity: 10W-60

Oil type: Full synthetic

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

Application: Racing, Passenger car

Technology: USVO, Racing

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

RAVENOL RSS SAE 10W-60 is a modern, PAO (poly-alpha-olefin) based full 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 lubricate 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 instructions

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 full synthetic engine oil for car race with special molybdenum and tungsten additives
- 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

CHARACTERISTICS	PROPERTY	DATA	AUDIT
Colour		braun	VISUELL
Sulphated Ash	%wt.	1,3	DIN 51575
tbn	mg KOH/g	11,1	ASTM D2896
Viscosity at 100 °C	mm²/s	24,2	DIN 51659-2
Viscosity at 40 °C	mm²/s	163,3	DIN 51659-2
Viscosity Index VI		180	DIN ISO 2909
CCS Viscosity at -25 °C	mPa*s	5900	ASTM D5293
Density at 20 °C	kg/m³	859,0	EN ISO 12185
Flashpoint	°C	250	DIN EN ISO 2592
HTHS Viscosity at 150 °C	mPa*s	6,4	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