RAVENOL RRS SAE 5W-50

Kategorie: Passenger car motor oil

Artikelnummer: 1142100

Viscosity: 5W-50

Oil type: Full synthetic

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

Application: Racing

Technology: USVO®, Racing

1L | 1142100-001
4L | 1142100-004
5L | 1142100-005
10L | 1142100-010
20L | 1142100-020
20L | 1142100-B20
60L | 1142100-060
60L | 1142100-D60
208L | 1142100-208
208L | 1142100-D28
1000L | 1142100-700

RAVENOL RRS SAE 5W-50 is a modern, PAO (poly-alpha-olefin) based full synthetic multigrade engine oil with USVO® Technology for gasoline engines.

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, therebyminimizing friction while keeping the engine clean and efficient.

Due to its high viscosity index, the associated very high shear stability and a highly effective special novel additive with tungsten, **RAVENOL RRS SAE 5W-50** is suitable for an extremely sporty driving style.

RAVENOL RRS SAE 5W-50 utilizes the positive properties of tungsten to smooth the surface structure of the motor, reducing friction and wear, and significantly improving mechanical efficiency.

RAVENOL RRS SAE 5W-50 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 RRS SAE 5W-50 is ideally suited for car racing, even when subject to the highest levels of strain.

Characteristics

- Ultra-modern full synthetic engine oil for car race with special tungsten additivation
- Safe lubricating layer at very high operating temperatures
- High HTHS value, very good shear stability
- Very stable and excellent viscosity behaviour
- Very low evaporation tendency
- Very good cold start characteristics
- Very good detergent and dispersant characteristics
- Good protection against corrosion and foam formation

Technical Product Data

PROPERTY	UNIT	DATA	AUDIT
Density at 20 °C	kg/m³	849,0	EN ISO 12185
Colour		gelbbraun	VISUELL
Viscosity at 100 °C	mm²/s	17,7	DIN 51562-1
Viscosity at 40 °C	mm²/s	111,7	DIN 51562-1
Viscosity Index VI		175	DIN ISO 2909
HTHS Viscosity at 150 °C	mPa*s	4,53	ASTM D5481
CCS Viscosity at -30 °C	mPa*s	5386	ASTM D5293
Low Temp. Pumping viscosity (MRV) at -35 °C	mPa*s	22.900	ASTM D4684
Pourpoint	°C	-54	DIN ISO 3016
Noack Volatility	% M/M	7,5	ASTM D5800
Flashpoint	°C	234	DIN EN ISO 2592
tbn	mg KOH/g	11,9	ASTM D2896
Sulphated Ash	%wt.	1,28	DIN 51575

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