



RAVENOL RRS SAE 5W-50

Kategorie: Passenger car motor oil

Artikelnummer: 1142100

Viscosity: 5W-50

Oil type: Full synthetic

Recommendations: 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, thereby minimizing 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 instructions

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

| CHARACTERISTICS | PROPERTY | DATA | AUDIT |
|---|--------------------|-----------|-----------------|
| Colour | | gelbbraun | VISUELL |
| Sulphated Ash | %wt. | 1,28 | DIN 51575 |
| tbn | mg KOH/g | 11,9 | ASTM D2896 |
| Viscosity at 100 °C | mm ² /s | 17,7 | DIN 51562-1 |
| Viscosity at 40 °C | mm ² /s | 111,7 | DIN 51562-1 |
| Viscosity Index VI | | 175 | DIN ISO 2909 |
| CCS Viscosity at -30 °C | mPa*s | 5386 | ASTM D5293 |
| Density at 20 °C | kg/m ³ | 849,0 | EN ISO 12185 |
| Flashpoint | °C | 234 | DIN EN ISO 2592 |
| HTHS Viscosity at 150 °C | mPa*s | 4,53 | ASTM D5481 |
| Low Temp. Pumping viscosity (MRV) at -35 °C | mPa*s | 22.900 | ASTM D4684 |
| Noack Volatility | % M/M | 7,5 | ASTM D5800 |
| Pourpoint | °C | -54 | DIN ISO 3016 |