



RAVENOL RRS SAE 5W-50

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

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

The USVO® technology offers high performance, improved engine protection, reduced fuel consumption and optimized engine cleanliness for your vehicle. 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 Notes

RAVENOL RRS SAE 5W-50 can be used as special oil for car racings even under most difficult conditions.

Specifications

Racetrack partnership: Nürburgring Tested, Hockenheim Premium Partner, recommendation of Ralf Schumacher

Characteristic

RAVENOL RRS SAE 5W-50 offers:

- Ultra-modern fully 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

Characteristics	Unit	Data	Audit
Density at 20°C	kg/m ³	849,0	EN ISO 12185
Colour		brown	visual
Viscosity at 100°C	mm ² /s	17,7	DIN 51 562
Viscosity at 40°C	mm ² /s	111, 7	DIN 51 562
Viscosity index VI		175	DIN ISO 2909
HTHS at 150°C	mP?°s	4,53	ASTM D5481
CCS Viscosity at -30°C	mPa*s	5386	ASTM D5293
Low Temp. Pumping viscosity -35°C (MRV)	mPa*s	22.900	ASTM D4684
Pourpoint	°C	- 54	DIN ISO 3016
Noack Volatility	%	7,5	ASTM D5800/b
Flash point	°C	243	DIN ISO 2592
TBN	mg KOH/g	10,2	ASTM D 3829
Sulphated ash	%wt.	1,28	DIN 51 575

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

All information correspond to the best of our knowledge to the actual situation of the cognitions and our development. Subject to alterations. All references made to DIN-norms are only for the description of the goods. There is no guarantee. In case there will be any problems please contact the technical service.

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