



RAVENOL RRS SAE 5W-50



VISCOSITY 5W-50
FABRICATION FULLY SYNTHETIC

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.

ART.-NR. 1142100

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

Application Notes

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

Characteristics

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



Property	Unit	Data	Audit
Density at 20°C	kg/m ³	849,0	EN ISO 12185
Colour		gelbbraun	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	mPa*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	% M/M	7,5	ASTM D5800/b
Flash point	°C	243	DIN ISO 2592
TBN	mg KOH/g	10,2	ASTM D2896
Sulphated ash	%wt.	1,28	DIN 51 575

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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