RAVENOL RUP RACING ULTRA PERFORMANCE SAE 5W-40

CategoryPassenger car motor oil

Item number1141091

Viscosity 5W-40

Specification ACEA C3, API SN

Oil type Fully synthetic

Approvals API SN, BMW Longlife-04, GM dexos2™ (Lizenz-Nr. D20583HI081), MB-Freigabe 226.5, MB-Freigabe 229.51, Porsche C40, Renault RN0700/RN0710, VW 511 00

Recommendation Ford WSS-M2C917-A, Rennstrecken-Partnerschaft: Nürburgring Tested, VW 502 00, VW 505 00, VW 505 01

Application Passenger car, Motorsport

Technology USVO®, Racing

RAVENOL RUP Racing Ultra Performance SAE 5W-40 was developed together with Ralf Schumacher for motorsport and is ideally suited for car racing, even when subject to the highest levels of strain. This is confirmed by his signature on the label. Although it was designed specifically as a racing oil, **RAVENOL RUP Racing Ultra Performance SAE 5W-40** has passed all necessary tests and thus received official approvals of the car manufacturers for everyday use. **RAVENOL RUP Racing Ultra Performance SAE 5W-40** offers significantly better protection for petrol and diesel engines than ordinary engine oils.

RAVENOL RUP Racing Ultra Performance SAE 5W-40 is a modern PAO (poly-alpha-olefin) based fully synthetic multigrade engine oil with special 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 to be lubricated 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

1 L | 1141091-001
4 L | 1141091-004
10 L | 1141091-010
20 L | 1141091-020
20 L | 1141091-B20
60 L | 1141091-060
60 L | 1141091-D60
208 L | 1141091-208
208 L | 1141091-D28
1000 L | 1141091-700

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 RUP Racing Ultra Performance SAE 5W-40** is also suitable for an extremely sporty driving style.

RAVENOL RUP Racing Ultra Performance SAE 5W-40 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 RUP Racing Ultra Performance SAE 5W-40 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 RUP Racing Ultra Performance SAE 5W-40 is ideally suited for car racing, even when subject to the highest levels of strain.

Characteristics

- Ultra-modern fully synthetic engine oil for car race with special molybdenum and tungsten additive
- 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
- Good protection against corrosion and foam formation

Technical Product Data

Colour	gelbbraun		VISUELL
Sulphated Ash	0,8	%wt.	DIN 51575
tbn	8,3	mg KOH/g	ASTM D2896
Viscosity at 100 °C	14,3	mm²/s	DIN 51562-1
Viscosity at 40 °C	87,5	mm²/s	DIN 51562-1
Viscosity Index VI	169		DIN ISO 2909
CCS Viscosity at -30 °C	4510	mPa*s	ASTM D5293
Density at 20 °C	846,0	kg/m³	EN ISO 12185
Flashpoint	244	°C	DIN EN ISO 2592
HTHS Viscosity at 150 °C	3,9	mPa*s	ASTM D5481
Low Temp. Pumping viscosity (MRV) at -35 °C	21.300	mPa*s	ASTM D4684
Noack Volatility	6,0	% M/M	DIN 51581
Pourpoint	-51	°C	DIN ISO 3016

All indicated data are approximate values and are subject to the commercial fluctuations.
18.02.2022