

## - Certificate / Product Information -

### **RAVENOL RHV Racing High Viscosity SAE 20W60**

Art. 1141101

FULLY SYNTHETIC

RACING & USVO®

#### **Description:**

**RAVENOL RHV Racing High Viscosity SAE 20W-60** is a modern, fully synthetic multigrade engine oil with USVO® Technology, based on PAO (poly-alpha-olefin) and Ester.

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 its high viscosity index, its high HTHS value, extreme shear stability and a highly effective special novel additivation with tungsten, **RAVENOL RHV Racing High Viscosity SAE 20W-** is also suitable for an extremely sporty driving style during the race.

**RAVENOL RHV Racing High Viscosity SAE 20W-60** is a polymer-free, pure PAO ester formulation which demonstrates no loss of viscosity in shear tests according to ASTM D6278.

**RAVENOL RHV Racing High Viscosity SAE 20W-60** utilizes the positive properties of tungsten to smooth the surface structure of the motor, reducing friction and wear, and significantly improving mechanical efficiency.

**RAVENOL RHV Racing High Viscosity SAE 20W-60** has a very high pressure absorption capacity and stable oil pressure, which guarantees optimum lubrication reliability even with historic vehicles which have been overhauled, as well as low evaporation at high temperatures.

**RAVENOL RHV Racing High Viscosity SAE 20W-60** provides a safe layer of lubrication even at very high operating temperatures, extensive protection against corrosion (oxidation) and foaming.

#### **Application Directions:**

**RAVENOL RHV Racing High Viscosity SAE 20W-60** is ideally suited for modern gasoline engines, especially for use as a special oil for long distance motor racing, during which the engine is subject to the heaviest of strains.

#### **Quality Classification:**

**RAVENOL RHV Racing High Viscosity SAE 20W60** is tried and tested for:

Racetrack partnerships: Nürburgring Tested, Hockenheim Premium Partner, Recommendation of Ralf Schumacher, Opel Motorsport

#### **Technical Characteristics:**

**RAVENOL RHV Racing High Viscosity SAE 20W60** offers:

- Ultra-modern fully synthetic engine oil for car race with special tungsten additive
- Safe lubricating film with very high operating temperatures
- High HTHS value, extreme shear stability
- Very stable and excellent viscosity behaviour
- Very low evaporation tendency
- Very good cold start properties
- Excellent detergent and dispersant properties
- Protection against wear, corrosion and foaming

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**Technical Values:**

Characteristics	Unit	Data	Test according to
Density at 20°C	kg/m <sup>3</sup>	859,0	DIN 51757
Colour		brown	visual
Viscosity at 100°C	mm <sup>2</sup> /s	24,4	DIN 51562-1
Viscosity at 40°C	mm <sup>2</sup> /s	176,7	DIN 51562-1
Viscosity Index VI		169	DIN ISO 2909
HTHS Viscosity at 150°C	mPa*s	>5,0	ASTM D5481
CCS Viscosity at -15°C	mPa*s	5302	ASTM D 5293
Low Temp. Pumping viscosity (MRV) at -20°C	mPa*s	9.310	ASTM D4684
Pourpoint	°C	-51	DIN ISO 3016
Noack Volatility	% M/M	4,9	ASTM D5800
Flashpoint	°C	248	DIN ISO 2592
TBN	mg KOH/g	10,7	ASTM D2896
Sulphated ash	%wt.	1,35	DIN 51575

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