

**- Certificate / Product Information -**

**RAVENOL RHP Racing High Performance Gear SAE 75W-90**

Art. 1145100

FULLY SYNTHETIC

RACING & USVO®

**Description:**

**RAVENOL RHP Racing High Performance Gear SAE 75W-90** is a modern, PAO (poly-alpha-olefin) based fully synthetic racing gear oil with USVO® Technology.

**RAVENOL RHP Racing High Performance Gear SAE 75W-90** was developed as manual and differential oil for use in racing vehicles.

**RAVENOL RHP Racing High Performance Gear SAE 75W-90** is particularly recommended for use in manual transmissions and rear axle with integrated locking differential.

The USVO® technology offers high performance, improved gear protection and optimized gear cleanliness for your vehicle.

Special additives guarantee limited slip properties, a high load carrying capacity, stable viscosity, optimum wear protection, low foaming, proper lubrication and reducing the heating of the transmission.

**RAVENOL RHP Racing High Performance Gear SAE 75W-90** offers excellent anti-wear properties and an optimum viscosity-temperature behavior.

**Application Directions:**

**RAVENOL RHP Racing High Performance Gear SAE 75W-90** is a fully synthetic racing gear oil for use in racing cars and is particularly recommended for use in manual transmissions and rear axle with integrated locking differential.

**Quality Classification:**

**RAVENOL RHP Racing High Performance Gear SAE 75W-90** is tried and tested for aggregates specifying:

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

**Technical Characteristics:**

**RAVENOL RHP Racing High Performance Gear SAE 75W-90** offers:

- A stable high-pressure lubricating oil film even at high temperatures and under high stress.
- Excellent shear stability and excellent thermal stability.
- A very good viscosity-temperature behavior.
- An excellent aging resistance and high oxidation resistance.
- A very good wear protection, excellent EP characteristics.
- A low foaming even at high speeds.
- Good compatibility with non-ferrous metals and sealing materials.
- Good circuit behavior at low temperatures, low pour point.
- Reduced noise transmission through low vibration even in hot oil through the oil film with good adhesion.

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**Technical Values:**

Characteristics	Unit	Data	Test according to
Density at 20°C	kg/m³	868,0	EN ISO 12185
Colour		yellow	visual
Viscosity at 100°C	mm²/s	16,1	DIN 51562-1
Viscosity at 40°C	mm²/s	92,6	DIN 51562-1
Viscosity Index VI		188	DIN ISO 2909
Brookfield Viscosity at -40°C	mPa*s	33.800	ASTM D2983
Pourpoint	°C	-57	DIN ISO 3016
Flashpoint	°C	200	DIN ISO 2592
Foam behaviour			
Seq. I at 24°C	ml/ml	0/0	ASTM D892
Seq. II at 93,5°C	ml/ml	10/0	ASTM D892
Seq. III at 24°C after 93,5°C	ml/ml	0/0	ASTM D892
Copper Strip Test at 121°C		1b	ASTM D130

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