



# RAVENOL RHP Racing High Perform. Gear SAE 75W-90

**Kategorie:** Gear oil for manual transmissions and drive axis

**Artikelnummer:** 1145100

**Viscosity:** 75W-90

**Oil type:** Full synthetic

**Recommendations:** Rennstrecken-Partner: Empfehlung Ralf Schumacher, Rennstrecken-Partner: Hockenheim Premium Partner, Rennstrecken-Partnerschaft: Nürburgring Tested

**Application:** Racing



**RAVENOL RHP Racing High Performance Gear SAE 75W-90** is a modern, PAO (poly-alpha-olefin) based full 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.

- 1L | 1145100-001
- 4L | 1145100-004
- 20L | 1145100-020
- 20L | 1145100-B20
- 60L | 1145100-060
- 60L | 1145100-D60

## Application instructions

**RAVENOL RHP Racing High Performance Gear SAE 75W-90** is a full 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. It is also appropriate when a transfer case from Opel Mokka, Opel Insignia, Chevrolet Tracker, Cadillac SRX II (GMT166) from Model Year 2012 – 2016 with one of the following part numbers is required: GM 19256084, ACDelco 10-4076, GM GOR-116-AV, GM 1942067, GM 93165693, GM 19351882, GM 95599727.

## Characteristics

- A high-pressure stable lubricating film even at high oil temperatures and under high loads.
- Outstanding shear stability and excellent thermal stability.
- Very good viscosity-temperature behavior.
- Excellent ageing resistance and high oxidation resistance.
- Very good wear protection, excellent EP properties.
- Low foaming tendency even at high speeds.
- Good compatibility with non-ferrous metals and sealing materials.
- Good shifting behavior even at low temperatures, low pour point.
- Reduced gear noise due to minimized vibrations, even with hot oil due to the well adhering lubricating film.

## Technical Product Data

CHARACTERISTICS	PROPERTY	DATA	AUDIT
Colour		gelb	VISUELL
Foaming tendency		.	DIN 51757
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
Viscosity at 100 °C	mm <sup>2</sup> /s	16,1	DIN 51659-2
Viscosity at 40 °C	mm <sup>2</sup> /s	92,6	DIN 51659-2
Viscosity Index VI		188	DIN ISO 2909
Brookfield Viscosity at -40 °C	mPa*s	33.800	ASTM D2983
Copper Strip Test at 121 °C		1b	ASTM D130
Density at 20 °C	kg/m <sup>3</sup>	868,0	EN ISO 12185
Flashpoint	°C	200	DIN EN ISO 2592
Pourpoint	°C	-57	DIN ISO 3016