



# RAVENOL Racing Gearoil

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

**Artikelnummer:** 1221111

**Specification:** API GL-5 + LS

**Oil type:** Fully synthetic

**Approvals:** Drexler Lamellen-Selbstsperrdifferential

**Recommendation:** BMW Alpina B5, BMW Alpina B6, BMW Alpina GT3, BMW Alpina GT4, BMW Alpina M3, BMW Alpina Z4, Chrysler Viper GT3, Corvette Z06, Fiat Abarth, Lamborghini Murcielago, Mercedes AMG C 63, Mercedes AMG CLS 63, Mercedes AMG E 63, Mercedes AMG SL 63, Mercedes AMG SLS, World Touring Car Championship (WTCC)

**Application:** Racing

**Technology:** USVO®, Racing



**RAVENOL Racing Gearoil** is a modern, PAO (poly-alpha-olefin) based fully synthetic racing gear oil with USVO® Technology.

**RAVENOL Racing Gearoil** was developed as manual and differential oil for use in racing vehicles. 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 Racing Gearoil** offers excellent anti-wear properties and an optimum viscosity-temperature behavior.

1L | 1221111-001  
4L | 1221111-004  
10L | 1221111-010  
20L | 1221111-020  
20L | 1221111-B20  
60L | 1221111-060  
60L | 1221111-D60

## Application Note

**RAVENOL Racing Gearoil** is used as special race oil based on PAO for limited-slip differentials of race cars.

## Characteristics

- 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 behaviour.
- 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 behaviour at low temperatures, low pour point.
- Longest oil change intervals, thanks to excellent shear stability.
- Reduced noise transmission through low vibration even in hot oil through the oil film with good adhesion and excellent LS additive.

# Technical Product Data

PROPERTY	UNIT	DATA	AUDIT
Density at 20 °C	kg/m <sup>3</sup>	864,0	EN ISO 12185
Colour		blau	VISUELL
Viscosity at 100 °C	mm <sup>2</sup> /s	27	DIN 51562-1
Brookfield Viscosity at -40 °C	mPa*s	144.600	ASTM D2983
Flashpoint	°C	204	DIN EN ISO 2592
Copper Strip Test at 121 °C		1a	ASTM D130

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

**Alle angegebenen Daten sind ca. Werte und unterliegen handelsüblichen Schwankungen.**

21.03.2023