



RAVENOL Racing Gearoil

Kategorie: Gear oil for manual transmissions and drive axis

Artikelnummer: 1221111

Specification: API GL-5 + LS

Oil type: Full 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 full 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 ³	864,0	EN ISO 12185
Colour		blau	VISUELL
Viscosity at 100 °C	mm ² /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.