

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.

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.



1L | 1221111-001

4L | 1221111-004

10L | 1221111-010

20L | 1221111-020

20L | 1221111-B20

60L | 1221111-060

60L | 1221111-D60

Technical Product Data

PROPERTY	UNIT	DATA	AUDIT
Density at 20 °C	kg/m³	864,0	EN ISO 12185
Colour		blau	VISUELL
Viscosity at 100 °C	mm²/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.