



**1L | 1221126-001**

**4L | 1221126-004**

**10L | 1221126-010**

**20L | 1221126-020**

**20L | 1221126-B20**

**60L | 1221126-060**

**60L | 1221126-D60**

**208L | 1221126-208**

**208L | 1221126-D28**

**1000L | 1221126-700**

# RAVENOL VGO SAE 70W-80 LS

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

**Artikelnummer:** 1221126

**Viscosity:** 70W-80

**Specifications:** API GL-5 + LS, API MT-1, MIL -L-2105 D

**Oil type:** Full synthetic

**Recommendations:** BMW 83222447362, BMW Hypoid Axle Oil G4

**RAVENOL VGO SAE 70W-80 LS** is a full synthetic hypoid axle gear oil with the latest full synthetic components for vehicles with most recent transmission technology.

**RAVENOL VGO SAE 70W-80 LS** is designed on the basis of high quality synthetic base oils with special additivation and inhibition, which ensure proper functioning of the gearbox. It was specially developed to meet the latest requirements of axle drive manufacturers, especially for BMW vehicles with self-locking differentials.

**RAVENOL VGO SAE 70W-80 LS** ensures proper functioning of the aggregates even under the most severe operating conditions. Even under large temperature fluctuations it ensures a reliable lubricating film.

## Application instructions

**RAVENOL VGO SAE 70W-80 LS** is excellent for use in heavily loaded axle drives of vehicles. It is particularly suitable for axle drives with hypoid gearing with limited-slip differential (LSD) of the BMW M-series since 2018 (transmissions 33 10 8 742 753, 33 10 8 686 663, 33 10 8 686 989, 33 10 8 480 981, 33 10 8 747 240, 33 10 8 875 640, 33 10 8 046 243 and 33 10 8 047 172).

Use **RAVENOL VGO SAE 70W-80 LS** according to the manufacturer's instructions!

## Characteristics

- Outstanding cold flow properties
- Good wear protection protects the gearbox
- Excellent resistance to aging
- Extremely low pour point
- High viscosity stability
- Reduces running noise

# Technical Product Data

| CHARACTERISTICS                    | PROPERTY | DATA      | AUDIT           |
|------------------------------------|----------|-----------|-----------------|
| Colour                             |          | gelbbraun | VISUELL         |
| Foaming tendency (Seq. I, II, III) |          |           |                 |
| Seq. I at 24 °C                    |          | 0/0       | ASTM D892       |
| Seq. II at 93,5 °C                 |          | 10/0      | ASTM D892       |
| Seq. III at 24 °C after 93,5 °C    |          | 0/0       | ASTM D892       |
| Viscosity at 100 °C                | mm²/s    | 9,2       | DIN 51562-1     |
| Viscosity at 40 °C                 | mm²/s    | 48,27     | DIN 51562-1     |
| Viscosity Index VI                 |          | 176       | DIN ISO 2909    |
| Brookfield Viscosity at -55 °C     | mPa*s    | 12800     | ASTM D2983      |
| Density at 20 °C                   |          | 849       | EN ISO 12185    |
| Flashpoint                         | °Celsius | 198       | DIN EN ISO 2592 |
| Copper Corrosion (24h/120 °C)      |          | 1a        | ASTM D130       |
| Pourpoint                          | °Celsius | -63       | DIN ISO 3016    |