



# RAVENOL MTF-4 SAE 70W



1L | 1221113-001  
4L | 1221113-004  
10L | 1221113-010  
20L | 1221113-020  
20L | 1221113-B20  
60L | 1221113-060  
60L | 1221113-D60  
208L | 1221113-208  
208L | 1221113-D28  
1000L | 1221113-700

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

**Artikelnummer:** 1221113

**Viscosity:** 70W

**Specification:** API GL-4+

**Oil type:** Full synthetic

**Recommendation:** BOT 233 LVX, GM 19259104, GM 19259105, GM 1940004, Hyundai/Kia 04300-2N100 WDGO-1, Hyundai/Kia 04300-KX1B0, KIA UM015-CH080, VW G 052 549 A2

**RAVENOL MTF-4 SAE 70W** is a full synthetic, low-friction gear oil based on PAO for special manual transmissions. This ensures low wear and a long service life of the gearbox.

**RAVENOL MTF-4 SAE 70W** is designed based on special selected base oils and specially coordinated additive treatment. This exceeds the needs of today's application requirements.

**RAVENOL MTF-4 SAE 70W** is outstanding for use under severe mechanical and thermal stress on transmission oils, even with extended oil change intervals.

**RAVENOL MTF-4 SAE 70W** enables practically slip-free operation and thus minimal torque losses.

## Application Note

**RAVENOL MTF-4 SAE 70W** is a high-performance gear oil for manual transmissions. It was developed for VW, Audi, Seat and Skoda gearboxes.

**RAVENOL MTF-4 SAE 70W** is also suitable for HMC gearboxes D7GF1, D7UF1, M6CF1, M6CF4, M6CF3-1, M6GF2.

## Characteristics

- Excellent thermal stability
- High protection from rust, corrosion and foaming
- Low pour point
- Neutral behavior towards sealing materials
- Good lubricating and shifting behavior at low temperatures
- Stable lubricating film even under extreme loads in midsummer

# Technical Product Data

| PROPERTY                       | UNIT               | DATA      | AUDIT        |
|--------------------------------|--------------------|-----------|--------------|
| Density at 20 °C               | kg/m <sup>3</sup>  | 843       | EN ISO 12185 |
| Colour                         |                    | gelbbraun | VISUELL      |
| Viscosity at 100 °C            | mm <sup>2</sup> /s | 5,59      | DIN 51562-1  |
| Viscosity at 40 °C             | mm <sup>2</sup> /s | 23,04     | DIN 51562-1  |
| Viscosity Index VI             |                    | 198       | DIN ISO 2909 |
| Brookfield Viscosity at -40 °C | mPa*s              | 2650      | ASTM D2983   |
| Brookfield Viscosity at -55 °C | mPa*s              | 19300     | ASTM D2983   |
| Pourpoint                      | °C                 | -72       | DIN ISO 3016 |
| Copper Strip Test at 121 °C    |                    | 1a        | ASTM D130    |

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

RAVENOL special transmission fluids are special developments for special gears and cannot be selected on the basis of technical parameters (viscosity, etc.). Therefore the decision was made not to give technical data. Please note: RAVENOL special transmission fluid is exclusively to apply under the original number, as indicated in the product information. If you are unsure about the right transmission fluid, ask your workshop or dealership for advice on the transmission type and OEM original number or ask our experts, making sure to state the VIN code (vehicle identification number) of your vehicle. Misapplication of RAVENOL special transmission fluid can lead to malfunction of the transmission shifting problems, increased fuel consumption, unwanted slip behavior, etc. and cause the failure of the transmission. Ravensberger Schmierstoffvertrieb GmbH is not liable for transmission failures in case of wrong selection of RAVENOL special transmission fluid.