

RAVENOL AWD-TOR Fluid

Kategorie: Gear oil for manual transmissions and drive axis

Artikelnummer: 1211141

Oil type: Full synthetic

Recommendation: SAF-AG4 + FM, VW/Audi G 055 145 A2

Application: Passenger car



1L | 1211141-001

RAVENOL AWD-TOR FLUID is a high quality full synthetic formulation based on polyalphaolefins (PAO) with a special additive and inhibition to ensure proper functioning of the gearbox.

RAVENOL AWD-TOR FLUID is a special transmission oil for transfer cases of four-wheel drive systems from Torsen type of VW and AUDI. To improve the operating characteristics of intermittent loads, 4% of a particular friction modifier is used in the recipe **RAVENOL AWD-TOR FLUID** guarantees low wear and, thanks to its excellent properties, ensures a long service life of the gearbox.

Application Note

RAVENOL AWD-TOR FLUID is suitable for use in transfer cases of Torsen type four-wheel drive systems from VW, AUDI and other vehicle manufacturers.

RAVENOL AWD-TOR FLUID is excellently suited for use in normal road traffic as well as in motorsports. Observe manufacturer's instructions.

Characteristics

- An addition of 4% of a special friction modifier
- Excellent flowability at low temperatures
- Low wear
- High, stable viscosity index
- Reliable protection against wear, corrosion and foaming
- Excellent viscosity-temperature behavior
- Neutral behavior towards sealing materials

Technical Product Data

| PROPERTY | UNIT | DATA | AUDIT |
|--|-------|-------------|--------------|
| Colour | | braun | VISUELL |
| Seq. I at 24 °C | ml/ml | 0/0 | ASTM D892 |
| Seq. II at 93,5 °C | ml/ml | 0/0 | ASTM D892 |
| Seq. III at 24 °C after 93,5 °C | ml/ml | 0/0 | ASTM D892 |
| Viscosity at 100 °C | mm²/s | 16,7 | DIN 51562-1 |
| Viscosity at 40 °C | mm²/s | 107,9 | DIN 51562-1 |
| Viscosity Index VI | | 168 | DIN ISO 2909 |
| VKA Four Ball Test (Wear) | mm | 0,71 | DIN 51350-3 |
| VKA Four Ball Test (EP Extreme Pressure) | N | 3600 / 3800 | DIN 51350-3 |
| Brookfield Viscosity at -40 °C | mPa*s | 48.700 | ASTM D2983 |
| Copper Strip Test at 150 °C | | 1a | ASTM D130 |
| Density at 20 °C | kg/m³ | 864,0 | EN ISO 12185 |
| Pourpoint | °C | -54 | DIN ISO 3016 |

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.

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

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