



0.3 L | 1211140-300
1 L | 1211140-001

RAVENOL AWD-H FLUID

Category Gear oil for manual transmissions and drive axis

Item number 1211140

Oil type Fully synthetic

Recommendation GM 93165387, Land Rover LR 003136 (Haldex-Öl Baujahr 2011-2014), Land Rover LR054941 (Haldex-Öl Baujahr 2011-2014), Opel 1940057, VOLVO 31367940, VW G 052 175 A2, VW G 055 175 A2, VW G 060 175 A2

Application Passenger car

RAVENOL AWD-H FLUID is a high-quality formula of high-performance oils with special additives and inhibitors.

RAVENOL AWD-H FLUID is a special high-performance transmission oil for Haldex's Allrad, Quattro and 4motion powertrains. How the Haldex coupling operates: The axle closest to the engine is constantly powered. All-wheel drive powertrains with a Haldex coupling automatically direct engine power to the other axle where required, without any intervention from the driver. Depending on the electronically-controlled blocking effect of the Haldex coupling, a variable proportion of the engine power is transferred to this axle as required.

RAVENOL AWD-H FLUID supports this power transfer process with its outstanding qualities.

Application Note

RAVENOL AWD-H Fluid is suitable for use with all-wheel drive powertrains with Haldex couplings in AUDI, VOLKSWAGEN, SEAT, SKODA, OPEL, LANDROVER and VOLVO vehicles.

RAVENOL AWD-H Fluid should be changed every 60.000 km in order to avoid damage to the powertrain.

Characteristics

- An excellent flow behaviour at low temperatures
- High, stable viscosity index
- Very good oxidation stability
- Reliable protection against wear, corrosion and foaming
- Excellent coefficient of friction constancy
- High thermal and oxidative stability
- Excellent cooling ability
- Improved shear stability

Technical Product Data

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|--|-------------|--------------------|-----------------|
| Seq. I at 24 °C | 0/0 | ml/ml | ASTM D892 |
| Seq. II at 93,5 °C | 0/0 | ml/ml | ASTM D892 |
| Seq. III at 24 °C after 93,5 °C | 0/0 | ml/ml | ASTM D892 |
| Copper Strip Test at 150 °C | 1a | | ASTM D130 |
| Density at 20 °C | 855,0 | kg/m ³ | EN ISO 12185 |
| Pourpoint | -63 | °C | DIN ISO 3016 |
| Colour | hellgelb | | VISUELL |
| | 1,0 | | DIN ISO 2049 |
| Viscosity at 100 °C | 5,4 | mm ² /s | DIN 51562-1 |
| Viscosity at 40 °C | 24,5 | mm ² /s | DIN 51562-1 |
| Viscosity Index VI | 166 | | DIN ISO 2909 |
| Brookfield Viscosity at -40 °C | 6060 | mPa*s | ASTM D5481 |
| Flashpoint | 192 | | DIN EN ISO 2592 |
| VKA Four Ball Test (Wear) | 0,58 | mm | DIN 51350-3 |
| VKA Four Ball Test (EP Extreme Pressure) | 2000 / 2200 | N | DIN 51350-3 |

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

03.03.2022