



RAVENOL AWD-H Fluid

Kategorie: Gear oil for manual transmissions and drive axis

Artikelnummer: 1211140

Oil type: Full synthetic

Recommendations: BMW 83222413513, Ford MU7J 8708687 AA, GM 93165387, Land Rover LR 003136 (Haldex-Öl Baujahr 2011-2014), Land Rover LR 054941 (Haldex-Öl Baujahr 2011-2014), Opel 1940057, VOLVO 31367940, VW G 052 175 A2, VW G 055 175 A2, VW G 060 175 A2, VW G 065 175 A2

Application: Passenger car



0.3L | 1211140-300

1L | 1211140-001

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 instructions

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.

RAVENOL recommendation: When changing the oil, always change the oil filter of the Haldex coupling and clean the pre-filter of the oil pump or replace it at the same time. This prevents damage to the Haldex caused by deposits or clogging of the filters.

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

CHARACTERISTICS	PROPERTY	DATA	AUDIT
Colour		hellgelb	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	mm ² /s	5,4	DIN 51562-1
Viscosity at 40 °C	mm ² /s	24,5	DIN 51562-1
Viscosity Index VI		166	DIN ISO 2909
VKA Four Ball Test (Wear)	mm	0,58	DIN 51350-3
VKA Four Ball Test (EP Extreme Pressure)	N	2000 / 2200	DIN 51350-3
Colour Code		1,0	DIN ISO 2049
Brookfield Viscosity at -40 °C	mPa*s	6060	ASTM D5481
Copper Strip Test at 150 °C		1a	ASTM D130
Density at 20 °C	kg/m ³	855,0	EN ISO 12185
Flashpoint		192	DIN EN ISO 2592
Pourpoint	°C	-63	DIN ISO 3016