



# RAVENOL VSG SAE 75W-90

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

**Artikelnummer:** 1221101

**Viscosity:** 75W-90

**Specification:** API GL-4, API GL-5

**Oil type:** Full synthetic

**Recommendation:** BMW 83222365987, BMW 83229407768, BMW OSP, BMW SAF-XO, BOT 130 M, BOT 328, BOT 720, DAF LKW (für verlängerte Intervalle), DTFR 12B140 (MB 235.8), DTFR 13B110 (MB 235.11), Ford 1045737, Ford 5021033, Ford WSD-M2C200-C, IVECO, Land Rover TYK500010, MAN 342 S1, MB 235.11, MB 235.21, MB 235.8, MB 235.9, MIL-L-2105 D, Porsche 000.043.305.04, Porsche 958.341.536.00 (Torsen 2010-2018), Renault LKW, Scania STO 1:0, VOLVO 97312, VOLVO 97315, VOLVO 97319, VW G 052 145 A2, VW G 052 539 A2, VW G 052 911 A2, ZF TE-ML 12B, ZF TE-ML 16F, ZF TE-ML 17B

**Application:** Passenger car, Truck, Agricultural machinery



**RAVENOL VSG SAE 75W-90** is a high performance universal transmission oil based on full synthetic components.

**RAVENOL VSG SAE 75W-90** is designed based on high-quality synthetic base oils with a special additive treatment and inhibition ensuring trouble-free transmission function.

## Application Note

**RAVENOL VSG SAE 75W-90** is excellent for use of highly stressed axle drives.

**RAVENOL VSG SAE 75W-90** is suitable for synchronised and non-synchronised manual transmissions, transfer cases and ancillary transmission requiring API GL-5 or GL-4 oil.

**RAVENOL VSG SAE 75W-90** is suitable for Ford-transmission IB5, B5, MTX75, GM5, MT285/6, MMT6/6, MT75, R15M-D, R15MX-D, MT82 and Porsche Full-Time Transfer Case with Torsen (PL72T) for Cayenne 92A / 958 Diesel and S Hybrid from 2010 to 2018.

## Characteristics

- high additive reserves for prolonged oil change intervals according to the manufacturer specifications
- excellent cold flow properties
- best wear protection and best transmission efficiency
- Fuel savings even with short distances in low outdoor temperatures
- stable lubricating film even under high stress
- extraordinary corrosion protection and good compatibility with non-ferrous metal
- high oxidation resistance prevents oil thickening and deposits
- outstanding dirt-carrying capacity, i.e. aggregates are clean even after very long oil change intervals
- excellent elastomer compatibility to prevent leaks

1L | 1221101-001

4L | 1221101-004

10L | 1221101-010

20L | 1221101-020

20L | 1221101-B20

60L | 1221101-060

208L | 1221101-208

1000L | 1221101-700

- extreme shearing stability, remains within the clean oil viscosity per SAE class 75W-90 even after very long periods of use
- very high protection from rust, corrosion and foaming
- extreme low pour point
- excellent EP properties
- fuel savings

## Technical Product Data

PROPERTY	UNIT	DATA	AUDIT
Density at 20 °C	kg/m <sup>3</sup>	839,8	EN ISO 12185
Colour		gelb	VISUELL
Viscosity at 100 °C	mm <sup>2</sup> /s	16,8	DIN 51562-1
Viscosity at 40 °C	mm <sup>2</sup> /s	108,8	DIN 51562-1
Viscosity Index VI		168	DIN ISO 2909
Brookfield Viscosity at -40 °C	mPa*s	47.000	ASTM D2983
Pourpoint	°C	-57	DIN ISO 3016
Flashpoint	°C	224	DIN EN ISO 2592
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
Copper Strip Test at 121 °C		1a	ASTM D130

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