



RAVENOL Mehrzweck-Getriebe-Öl SAE 80W-90 GL-4

EP transmission oil (Extreme-Pressure) for manual transmissions, transfer cases, steering gears, and axle drives under standard conditions.

RAVENOL Mehrzweck-Getriebe-Öl SAE 80W-90 GL-4 contains high-quality base oils with a balanced active agent component additive. This ensures a high load carrying capacity, wear protection and oxidation stability.

Above-average viscosity-temperature properties, low solidification points and last but not least the prevention of foaming allows for use at various operating conditions.

Application Notes

RAVENOL Mehrzweck-Getriebe-Öl SAE 80W-90 GL-4 is suitable for lubricating manual transmissions, differential- and steering gears in vehicles requiring EP transmission oil according to manufacturer specifications.

Quality Classifications

Specifications

API GL-4, MIL-L-2105 D

Approvals

ZF TE-ML 16A, ZF TE-ML 17A, ZF TE-ML 19A

Practice and tested in aggregates with filling

MAN 341 Typ E-1, MAN 341 Typ Z-1, MB 235.1, Ford SQM-2C-9008 A

Characteristic

RAVENOL Mehrzweck-Getriebe-Öl SAE 80W-90 GL-4 offers:

- well adhering, pressure resistant lubricating films
- excellent oxidation stability
- above-average viscosity-temperature properties
- anti-wear effect
- good air release characteristics, no foaming
- neutral to metal and sealants

Characteristics	Unit	Data	Audit
Density at 20°C	kg/m³	892	EN ISO 12185
Viscosity at 40°C	mm²/s	150,1	DIN 51 562
Viscosity at 100°C	mm²/s	16,4	DIN 51 562
Viscosity index VI		117	DIN ISO 2909
Flash point (COC)	°C	222	DIN ISO 2592
Pourpoint	°C	-27	DIN ISO 3016

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

All information correspond to the best of our knowledge to the actual situation of the cognitions and our development. Subject to alterations. All references made to DIN-norms are only for the description of the goods. There is no guarantee. In case there will be any problems please contact the technical service.

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