



## RAVENOL Getriebeoel MZG SAE 80W-90 GL 4



**VISCOSITY** 80W-90

**SPECIFICATIONS** API GL-4 | MIL-L-2105 D

**FABRICATION** MINERAL

**APPROVALS** ZF TE-ML 16A | ZF TE-ML 17A | ZF TE-ML 19A

**RECOMMENDATIONS** MAN 341 TYP Z-1 | MAN 341 TYP E-1 | MB 235.11 | FORD SQM-2C-9008 A | ZF TE-ML 02B

**ART.-NR. 1223105**

1 L | 1223105-001  
4 L | 1223105-004  
10 L | 1223105-010  
20 L | 1223105-020  
20 L | 1223105-B20  
1000 L | 1223105-700

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

**RAVENOL Getriebeoel MZG 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 Getriebeoel MZG 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.

## Characteristics

**RAVENOL Getriebeoel MZG 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

Property	Unit	Data	Audit
Density at 20°C	kg/m <sup>3</sup>	884,0	EN ISO 12185
Colour		gelb	visual
Viscosity at 100°C	mm <sup>2</sup> /s	14,05	DIN 51562-10



Property	Unit	Data	Audit
Viscosity at 40°C	mm <sup>2</sup> /s	136,3	DIN 51562-10
Viscosity index VI		100	DIN ISO 2909
Brookfield Viscosity	mPa*s	126.200	ASTM D 2983
Pourpoint	°C	-33	DIN ISO 3016
Flash point	°C	242	DIN ISO 2592
Copper Strip Test		1a	ASTM D130

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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