

80W-90 MTF GL4

Description and Properties:

80W-90 MTF GL4 gear oils are designed to be used in synchronised and non-synchronised manual transmissions. Furthermore they are applicable for the lubrication of certain steering transmissions and transaxles.

80W-90 MTF GL4 gear oils assure poor in wear transmission of high torques, even at changing speeds. Also at extreme flank pressures metal contact or even scuffing are effectively prevented.

Further benefits:

- good cold flow properties
- high aging stability
- low foaming tendency
- high shear stability
- assured corrosion protection
- elastomer compatibility

Application:

80W-90 MTF GL4 gear oils are especially recommended for the use in manual transmissions of motor vehicles and processing machines. Because of the good load-carrying capacity and depending on manufacturer's instruction they are also useable in transaxles and steering gears.

Specification / Recommendations:

API GL-4

ZF TE-ML 06L, 08, 16A, 17A, 19A, 19C

MB 235.1

MAN 341 E-1

Typical Values:

80W-90 MTF GL4	Unit	Value	Method
Density at 15°C	kg/m ³	898	DIN 51 757
Viscosity at 40°C	mm ² /s	166	DIN 51 562
Viscosity at 100°C	mm ² /s	16,3	DIN 51 562
Pourpoint	°C	-33	DIN ISO 3016
Flash point	°C	222	DIN ISO 2592
FZG-test A/16,6/90 damage loading step		>12	DIN 51 354

*Specification variations in these characteristics may occur. The instructions of manufacturer must be regarded.
Further information available by MSDS.*

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