



# LUBINOL GEAR BOX GL4 80W-90

Multifunctional EP-gear oil for motor vehicles.

## Product Description

**LUBINOL GEAR BOX 4 80W-90** is 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.

**LUBINOL GEAR BOX 4 80W-90** 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.

**LUBINOL GEAR BOX 4 80W-90** gear oils assure poor in wear transmission of high torques, even at changing speeds. Also, at extreme flank pressures metal contact or even scuffing is effectively prevented.

Further benefits:

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

## Specification

API GL-4

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

MB 235.1

MAN 341 E-1

## Nominal Values

LUBINOL GEAR BOX 4 80W-90	Unit	Value	Method
Density at 15	kg/m <sup>3</sup>	898	DIN 51 757
Viscosity at 40°C	mm <sup>2</sup> /s	166	DIN 51 562
Viscosity at 100°C	mm <sup>2</sup> /s	163,0	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 informations to be available by MSDS.