



PANTHER GEAR BOX GL4

SAE 80W-90

Multifunctional EP-gear oil for motor vehicles

Description

PANTHER GEAR BOX 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.

PANTHER GEAR BOX 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.

PANTHER GEAR BOX 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 is effectively prevented.

Further benefits:

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

Specifications / Recommendations

API GL-4
MB 235.1

ZF TE-ML 06L, 08, 16A, 17A, 19A, 19C
MAN 341 E-1

PANTHER GEAR BOX GL4	Unit	VALUE	Method
Density at 15°C		898	DIN 51 757
Viscosity at 40°C	kg/m ³	166	DIN 51 562
Viscosity at 100°C	mm ² /s	163,0	DIN 51 562
Pour point	°C	-33	DIN ISO 3016
Flash point	°C	222	DIN ISO 2592
FZG-test A/16,6/90 damage loading step	minutes	>12	DIN 51 354

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