



# PANTHER GEAR BOX GL5

## SAE 85W-140

Hypoid-gear oil for motor vehicles and construction machines

### Description

**PANTHER GEAR BOX GL5** gear oils are high-alloyed oils, which especially are designed for the lubrication of high-loaded hypoid gears with wide offset as well as for power take-off gears, intermediate gears and secondary gears in motor vehicles and construction machines, but also for non-synchronised manual gears.

**PANTHER GEAR BOX GL5** gear oils are recommended for the usage in motor vehicle gears, which are exposed to extreme pressure- and temperature loadings. This especially applies to rear axles with hypoid gearing. Furthermore, and in accordance with the manufacturer's instructions they may be used for combined steering and axle gears and for non-synchronised steering transmissions.

**PANTHER GEAR BOX GL5** gear oils are oxidation-resistant and provided with thermo-stable EP additives which allow assured control of extreme tooth flank pressures and trouble-free transmission of great torques

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

### Specifications / Recommendations

API GL-5    ZF TE-ML 05A, 07A, 08, 12E, 16B-D, 17B, 19B, 21A  
 MIL-L-2105 D    MAN 342 M-2 (160.000 km Ölwechsel)  
 MB 235.0 & MB 235.6

PANTHER GEAR BOX GL5	Unit	VALUE	Method
Density at 15°C		905	DIN 51 757
Viscosity at 40°C	kg/m <sup>3</sup>	387	DIN 51 562
Viscosity at 100°C	mm <sup>2</sup> /s	27,9	DIN 51 562
Pour point	°C	-18	DIN ISO 3016
Flash point	°C	220	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.