

ALCO Hypoid Gearbox

80W-90



Hypoid-gear oil for motor vehicles and construction machines

Properties and Application

Alco Hypoid Gearbox 80W-90 is a high-alloyed oils, which especially is 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.

Alco Hypoid Gearbox 80W-90 is 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.

Alco Hypoid Gearbox 80W-90 is 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. It is characterized further by:

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

Specifications

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

Typical Values

ALCO Hypoid Gearbox 80W-90	unit	value	method
Density at 15°C	kg/m ³	893	DIN 51 757
Viscosity at 40°C	mm ² /s	155	DIN 51 562
Viscosity at 100°C	mm ² /s	17,4	DIN 51 562
Pourpoint	°C	-33	DIN ISO 3016
Flash point	°C	215	DIN ISO 2592
FZG-test A/16,6/90 damage loading step		>12	DIN 51 354

Artikel-Number : 32555

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

ALCO Filter GmbH
 Auf'm Rottland 1
 D-57577 Hamm
 Tel.: 02682 / 95330
 Fax.: 02682 / 953320