

# WHEELERS GEAR BOX - 4

## SAE 80W, 80W90, 85W90

### Multifunctional EP-gear oil for motor vehicles

#### Description

**Wheeler's Gear Box-4** - 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.

#### Application

**Wheeler's Gear Box-4** 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

#### Properties

**Wheeler's Gear Box-4** - 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

#### Specification

API GL-4  
MB 235.1

ZF TE-ML 02B, 16A, 17A, 19C  
MAN 341 Z-1

#### Typical Properties

Wheeler's Gear Box-4	Unit	Unit			Method
		80W	80W90	85W90	
SAE - Classification					DIN 51 519
Density at 15°C	kg/m <sup>3</sup>	891	869	898	DIN 51 757
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	91,00	146,0	198,0	DIN 51 562
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	11,58	16,20	17,50	DIN 51 562
Pour point	°C	-30	-39	-24	DIN ISO 3016
Flash point	°C	205	222	219	DIN ISO 2592
FZG-test A/16,6/90 damage loading step	-	>12	>12	>12	DIN 51 354

Specification variations in these characteristics may occur the instructions of manufacturer

must be regarded. Further information's to be available by MSDS.

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