

SYNOX GEAR GL-4 80W-90

GEAR GL-4 80W-90 is a high-performance gear oil formulated from selected base oils combined with a specially balanced additive system.

The contained EP (Extreme Pressure) additives form a load-carrying lubricating film on gear tooth surfaces during meshing, significantly reducing wear under high mechanical stress. The product also provides excellent ageing resistance under high thermal loads.

Its good low-temperature flow properties are based on the high refinement level of the base oils and the use of effective pour point depressants. In addition, special additives suppress foaming and protect wetted components against corrosion.

GEAR GL-4 80W-90 is compatible with common sealing materials.

The product is suitable for use in manual transmissions, steering gearboxes, and axle drives (excluding hypoid gear sets) in passenger cars and commercial vehicles.

SPECIFICATIONS

API GL-4, MIL-L 2105

APPLICATION RECOMMENDATION

- MB 235.1
- MAN 341 Typ Z2
- MAN 341 Typ E1
- Ford SQM-2C-9008 A
- ZF TE-ML 02B, 17A

TYPICAL CHARACTERISTICS

Property	Test Method	Unit	Value
Density at 15°C	DIN EN ISO 12185	kg/m ³	897
Viscosity at 40°C	DIN 51562-1	mm ² /s	114
Kinematic Viscosity at 100°C	DIN 51562-1	mm ² /s	11,9
Viscosity Index	DIN ISO 2909	°C	92
Pour Point	DIN ISO 3016	°C	-30
Flash Point (COC)	DIN ISO 2592	°C	220

STORAGE AND SHELF LIFE

When stored properly, the product has a shelf life of up to 3 years from the date of manufacture. It should be stored in a dry place and protected from direct sunlight, moisture, and high temperatures.

NOTICE

The values shown represent typical product characteristics and may vary within normal production tolerances.



Always follow the vehicle manufacturer's operating and service recommendations. The information contained in this technical data sheet is based on our current knowledge and experience. However, it does not constitute a legally binding guarantee of specific product properties, as the conditions of application are beyond our control.

We reserve the right to make changes that serve technical improvement or product development.