

SYNOX GEAR HYP GL-5 75W-90

GEAR HYP GL-5 75W-90 is a semi-synthetic high-performance low-friction gear oil designed for manual transmissions and heavily loaded axle drives. It has been developed for use under demanding operating conditions and ensures reliable protection and optimal performance.

Compared to conventional gear oils, the product offers the following advantages:

- Excellent low-temperature properties for reliable lubrication during cold starts
- Outstanding thermal stability under continuous high load
- Very high viscosity index for a wide operating range
- High shear stability ensuring consistent protection over time
- Prevention of gear chatter and effective noise reduction
- Excellent protection against corrosion and wear
- Reduced fuel consumption due to optimized friction characteristics
- Extended oil change intervals
- Reduced wear, contributing to extended gearbox service life

GEAR HYP GL-5 75W-90 is suitable for the lubrication of heavily loaded hypoid gear sets with high offset, as well as for all-wheel drive systems. It can also be used in manual transmissions, transfer cases, and intermediate gearboxes in passenger cars and off-highway equipment.

SPECIFICATIONS

API GL-5, MIL-L2105 D/E, MT-1

APPLICATION RECOMMENDATION

- DTFR 12B1410 (MB 235.8)
- DTFR 13B110 (MB 235.11)
- MAN 342 Typ S1/S2
- Mack GO-J
- SCANIA ST01:0
- Volvo 97312 / 97315
- ZF TE-ML 02B / 05B / 07A / 12B/N / 16F / 17B / 19C / 21B

TYPICAL CHARACTERISTICS

Property	Test Method	Unit	Value
Density at 15°C	DIN EN ISO 12185	kg/m ³	875
Viscosity at 40°C	DIN 51562-1	mm ² /s	76
Kinematic Viscosity at 100°C	DIN 51562-1	mm ² /s	14
Viscosity Index	DIN ISO 2909	°C	190
Pour Point	DIN ISO 3016	°C	-45
Flash Point (COC)	DIN ISO 2592	°C	198

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.