

## G-Truck GL-5 80W-90

Heavy Duty Automotive Gear Oil



Drive axles



EP properties



Anti-wear protection



Enhanced frictional properties



Mineral

**G-Truck GL-5 80W-90** is high performance, heavy duty gear oil engineered for automotive applications including heavy duty axles and final drives where extreme pressures and shock loading are expected. Formulated from high performance base oils and an advanced additive system it provide excellent resistance toward high temperature oil degradation and oil thickening to help maintain clean bearing surfaces and minimize wear. G-Truck GL-5 80W-90 is recommended for applications where API GL-5 service is required.

### Applications



- Heavy duty automotive manual transmissions, axles, and final drives requiring API GL-5 level performance
- On-highway cars and light trucks, heavy duty commercial vehicles including MB, MAN, DAF, Iveco, Volvo, Renault
- Off-highway industries including construction, mining, quarrying, and agriculture
- Other gearboxes, steering gears and variable gearboxes
- Not applicable for synchromesh gear boxes from non-ferrous metals

Features	Advantages and Potential Benefits
Enhanced EP properties	Reduced gear wear and extended life in transmissions, gearboxes, and final drives
Reliable shear stability	Ensure consistent viscosity throughout fluid service life
Exceptional thermal stability	Extended gear and bearing life due to minimal deposits
Compatible with typical automotive seals and gaskets	Minimum leakage and reduced contamination

### Approvals

- MB 235.0
- ZF TE-ML 16B, 17B, 19B, 21A

### Meets the requirements

- MAN 342 Type M1

### Recommendations

- API GL-5
- DAF Axle
- Renault Trucks
- Volvo 97310
- ZF TE-ML 05A, 07A, 08

## Typical Characteristics

Properties	Method	G-Truck GL-5 80W-90
SAE Viscosity Grade	SAE J300	80W-90
Kinematic Viscosity @40°C, mm <sup>2</sup> /s	ASTM D445	147,0
Kinematic Viscosity @100°C, mm <sup>2</sup> /s	ASTM D445	14,4
Viscosity Index	ASTM D2270	95
Flash Point (COC), °C	ASTM D92	220
Pour Point, °C	ASTM D97	-30
Density @15°C, kg/m <sup>3</sup>	ASTM D4052	900

## Health, Safety & Environment

Information is provided for products in the relevant Safety Data Sheet (SDS). This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products. SDS's are available upon request through your sales contract office. This product should not be used for purposes other than its intended use.