



Product Name: GITRÖL SAE 85W90 GL-5

Application: Oil for manual transmissions and differentials

API Service: GL-5

Viscosity Grade: SAE 85W90

Quality: Mineral

Recommended for: Hypoid gears, hub reductions, transfer cases, gearboxes, power take-offs, and differentials, where API GL-5, MIL-L 2105D, and Mack GO-G are recommended.

Drain Interval: Up to 150,000 Km

Product Overview

GITRÖL SAE 85W90 GL-5 is a mineral-based hypoid gear oil designed for high-load vehicle transmissions, particularly axle drives with hypoid gears. Engineered with advanced phosphorus-sulfur technology, it provides exceptional protection against wear, corrosion, and oxidation under extreme pressure and shock-load conditions. The stable lubricating film ensures smooth operation even during significant temperature fluctuations, making it suitable for a variety of demanding applications.

Application

- Hypoid gears, hub reductions, gearboxes, PTOs, and differentials.
- High-speed, high-load, and heavy-duty operations in trucks, buses, and off-road vehicles.
- Suitable where API GL-5, MIL-L 2105 D, and MB 235.0 standards are required.

Performance Benefits

- **Outstanding Wear Protection:** Prevents metal-to-metal contact under heavy loads.
- **Thermal and Oxidation Stability:** Extends oil life and minimizes maintenance.
- **Corrosion Resistance:** Protects components against rust and degradation.
- **Seal Compatibility:** Ensures long-lasting sealing performance without causing leaks.
- **Low-Temperature Fluidity:** Maintains performance in all seasons and reduces start-up resistance.

Meets and Approvals

Meets:

- GL-5

OEM Recommendations:

- MIL-L 2105 D
- MB 235.0
- MAN 342 Typ M1
- ZF TE-ML 16C, 17B, 19B, 21A
- GB13895-2018
- Mack GO-G

Typical Properties





Property	Method	Unit	Typical Value
SAE Grade	SAE J306	-	85W-90
Density @ 15°C	DIN 51757	g/cm ³	0.90
Kinematic Viscosity @ 40°C	ASTM D445	mm ² /s	194.0
Kinematic Viscosity @ 100°C	ASTM D445	mm ² /s	17.5
Viscosity Index	ASTM D2270	-	97
Pour Point	DIN ISO 3016	°C	-18
Flash Point	DIN ISO 2592	°C	210

Storage and Handling

- Store in a cool, dry place away from direct sunlight and temperatures above 60°C.
- Ensure containers are sealed to prevent contamination.
- Avoid mixing with other oils to maintain full performance

