



Product Name: GITRÖL SAE 85W90 GL-4

Application: Oil for manual transmissions and differentials

API Service: GL-4

Viscosity Grade: SAE 85W90

Quality: Mineral

Recommended for: Manual transmissions, transfer boxes, and gearboxes , Heavy-duty vehicles, including trucks and buses, Mildly loaded axles and automotive type equipment operating under high-speed/low-torque or low-speed/high-torque conditions or any gear box requiring API GL-4.

Drain Interval: 40,000 to 80,000 Km

Product Overview

GITRÖL SAE 85W90 GL-4 is a high-quality mineral gear oil formulated for vehicles with proven transmission technology. It ensures a stable lubricating film, minimizes wear, and delivers excellent lubrication properties alongside outstanding corrosion protection. Designed to provide smooth gear shifting and enhanced transmission efficiency, it performs reliably across a wide range of operating conditions

Application

- Transmissions, including manual transmissions, axle drives, and transfer boxes requiring API GL-4 performance.
- Automotive, industrial, and heavy-duty vehicles operating under high-speed/low-torque or low-speed/high-torque conditions.
- Mildly loaded axles and other components specified by the manufacturer.

Performance Benefits

- **High Pressure Absorption Capability:** Protects gears under heavy load.
- **Wear Protection:** Extends the life of transmission components.
- **Noise Reduction:** Ensures quieter and smoother operation.
- **Seal Compatibility:** Prevents damage to common sealing materials.
- **Aging Resistance:** Maintains performance over extended use.
- **Corrosion Protection:** Prevents rust and corrosion, ensuring long-term reliability.

Meets and Approvals

Meets:

- API GL-4
- MIL-L 2105

Approvals:

- ZF TE-ML 16A, 17A, 19A
- MAN 341 Typ E1, Typ Z2

Typical Properties





Property	Method	Unit	Typical Value
SAE Grade	SAE J306	-	85W-90
Density @ 15°C	DIN 51757	g/cm ³	0.885
Viscosity @ 40°C	ASTM D7042	mm ² /s	197
Viscosity @ 100°C	ASTM D7042	mm ² /s	17.6
Viscosity Index	DIN ISO 2909	-	96
Pour Point	DIN ISO 3016	°C	-15
Flash Point	DIN ISO 2592	°C	220
Foaming Behavior @ 24°C/93.5°C	ISO 6247	ml	0/0
Neutralization Number	DIN 51558 T1	mg KOH/g	0.8

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

