



Product Name: GITRÖL SAE 90 GL-1

Application: Oil for manual transmissions and differentials

API Service: GL-1

Viscosity Grade: SAE 90

Quality: Mineral

Recommended for: Transmissions or manual gearboxes of some trucks and buses VOLVO, TERBERG, SEDDON ATKINSON, LEYLAND TRUCK-SCAMMEL, LEYLAND DAF and FORD.

Drain Interval: Between 60,000 to 80,000 km

Product Overview

GITRÖL SAE 90 GL-1 is a premium straight mineral gear oil formulated to meet API GL-1 performance standards. Designed for mechanical transmissions, manual gearboxes, and differentials operating under mild loads and low speeds, it provides excellent protection and performance for legacy and classic vehicles.

Application

- Recommended for manual transmissions, gearboxes, and differentials requiring straight mineral oil.
- Ideal for classic vehicles and equipment such as **Volvo, Leyland DAF, Terberg, Ford (GB)**, and others

Performance Benefits

- **Good Lubricant Film:** Maintains optimal film strength for reliable operation.
- **Rust and Corrosion Protection:** Extends the life of gears and bearings.
- **Oxidation Stability:** Ensures long oil life even under challenging conditions.
- **Foam Inhibition:** Prevents air entrapment, maximizing equipment efficiency.
- **Compatibility with Copper/Bronze:** Ideal for applications with sensitive components

Meets and Approvals

API GL-1

Typical Properties

Property	Method	Unit	Typical Value
Viscosity @ 40°C	ASTM D445	mm ² /s	150.0
Viscosity @ 100°C	ASTM D445	mm ² /s	15.0
Viscosity Index	ASTM D2270	-	100
Density @ 20°C	ASTM D1298	g/cm ³	0.893
Flash Point (min)	ASTM D92	°C	200
Pour Point (max)	ASTM D97	°C	-12





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

