



**Product Name:** GITRÖL SAE 90 GL-2

**Application:** Oil for manual transmissions and differentials

**API Service:** GL-2

**Viscosity Grade:** SAE 90

**Quality:** Mineral

**Recommended for:** Spiral and worm gears operating under relatively low shock loads and low sliding speeds. It is suitable for manual transmissions of trucks where the API GL-2 specification is recommended.

**Drain Interval:** up to 80,000 km

## Product Overview

**GITRÖL SAE 90 GL-2** is a premium mineral-based transmission oil specially formulated with high-quality, selectively refined base oils and advanced phosphorus-sulfur additive technology. Designed to meet the API GL-2 specification, it provides excellent performance in manual transmissions, spiral gears, and worm gears operating under moderate shock loads and sliding speeds.

## Application

- Recommended for manual transmissions and gearboxes in trucks and vehicles requiring API GL-2.
- Suitable for classic vehicles, motorcycles, and equipment with spiral and worm gears under moderate loads

## Performance Benefits

- **Exceptional Wear Protection:** Ensures long-lasting gear and transmission durability.
- **Thermal and Oxidation Stability:** Delivers consistent performance across varying operating conditions.
- **Corrosion Protection:** Prevents rust and extends component life.
- **Seal Compatibility:** Safe for use with common sealing materials in classic and legacy vehicles.
- **Smooth Gear Operation:** Reduces running noise and enables seamless gearshifting.

## Meets and Approvals

API GL-2

## Typical Properties

Property	Method	Unit	Typical Value
SAE Viscosity Grade	-	-	90
Density at 15°C	ASTM D1298	g/cm <sup>3</sup>	0.89 - 0.90
Kinematic Viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	15.5 - 17.5
Kinematic Viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	181
Viscosity Index	ASTM D2270	-	95
Flash Point (COC)	ASTM D92	°C	min 200
Pour Point	ASTM D97	°C	max -22





Color Number (ASTM)	DIN ISO 2049	-	L 3.5
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## Usage Recommendations

- Follow the transmission manufacturer's guidelines for viscosity class and specifications.
- Ensure full effectiveness by using the product without mixing with other gear oils

## 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

