



Product Name: GITRÖL SAE 250 GL-1

Application: Oil for manual transmissions and differentials

API Service: GL-1

Viscosity Grade: SAE 250

Quality: Mineral

Recommended for: Manual transmissions and other cog mechanisms which, due to their design and load, operate in moderately demanding working conditions , also for transaxles in veteran, vintage & Edwardian vehicles.

Drain Interval: up to 80,000 km

Product Overview

GITRÖL SAE 250 GL-1 is a premium monograde lubricant formulated with highly refined mineral base oils. It is designed for manual transmissions and cog mechanisms operating under moderately demanding working conditions. This oil is optimized for applications requiring API GL-1 performance levels, providing reliable protection and performance in vintage, veteran, and Edwardian vehicles.

Application

- Designed for manual transmissions and transaxles in veteran, vintage, and Edwardian vehicles.
- Suitable for rear axles of vintage cars with one, two, or four cylinders.
- Recommended for older hypoid gear systems and selected spur and bevel-type rear axles.

Note: Avoid contact with water or moisture to prevent seal degradation. Not suitable for use as steam cylinder oil

Performance Benefits

- **Good Oxidation Stability:** Enhanced anti oxidation properties prolong oil life and reduce degradation.
- **Rust Protection:** Prevents rust and corrosion in ferrous and non-ferrous components.
- **Anti-Foam Characteristics:** Prevents foam formation, ensuring consistent lubrication.
- **Anti-Wear Properties:** Protects gears and prolongs transmission life.
- **Seal Compatibility:** Suitable for leather and synthetic rubber seals

Meets and Approvals

API GL-1

Typical Properties

Property	Unit	Method	Typical Value
SAE Grade	–	–	250
Density at 15°C	g/cm ³	ASTM D4052	0.902
Kinematic Viscosity at 40°C	cSt	ASTM D445	724
Kinematic Viscosity at 100°C	cSt	ASTM D445	46
Viscosity Index	–	ASTM D2270	<95





Flash Point, Open Cup	°C	ASTM D92	220
Pour Point	°C	ASTM D97	-9
Color	–	Visual	Amber

Product Benefits

- Free from aggressive EP additives, ensuring non-corrosive performance.
- Maintains compatibility with vintage vehicle components.
- Provides excellent load-carrying capabilities for older gearbox designs

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

