

GRÖB Gear Oil SAE 250 GL-1

Product Description

GRÖB 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.

Key Properties

- **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.

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.

Typical Properties

Property	Method	Unit	Value
SAE Grade	-	-	250
Density at 15°C	ASTM D4052	g/cm ³	0.902
Kinematic Viscosity at 40°C	ASTM D445	cSt	724
Kinematic Viscosity at 100°C	ASTM D445	cSt	46
Viscosity Index	ASTM D2270	-	<95
Flash Point, Open Cup	ASTM D92	°C	220
Pour Point	ASTM D97	°C	-9
Color	Visual	-	Amber

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.

Approvals & Specifications

- GL-1

Health, Safety, & Environment

- Avoid prolonged contact with skin; wash with soap and water if contact occurs.
- Do not discharge used oil into drains or the environment.
- Dispose of used oil responsibly at authorized collection points.

Storage and Handling

- Store in a cool, dry place away from direct sunlight and extreme temperatures.
- Keep containers tightly closed when not in use.
- Avoid contamination with water or other foreign materials.

