

## GROB Gear Oil SAE 140 GL-1

### Product Description

**GROB SAE 140 GL-1** is a high-quality monograde mineral gear oil formulated to meet API Service Classification GL-1. Designed for manual transmissions and other mechanical systems operating under moderate conditions, this gear oil provides superior lubrication, excellent rust protection, and reliable performance for extended equipment life.

### Product Features

- **High Viscosity Index:** Ensures effective lubrication over a wide temperature range.
- **Excellent Rust Protection:** Protects components from rust and corrosion.
- **Oxidation Stability:** Provides long-lasting performance and reduces oil degradation.
- **Anti-Foam Properties:** Prevents foam formation for consistent lubrication.
- **Metal Compatibility:** Safe for use with copper, brass, and bronze components.

### Benefits

- Enhances gear performance and extends component life.
- Ensures smooth operation in manual transmissions.
- Maintains a strong lubrication film under heavy loads and high temperatures.
- Prevents wear and minimizes maintenance costs.

### Approvals & Specifications

- API : GL-1

### Typical Properties

Property	Method	Value
Density @ 15°C, g/cm <sup>3</sup>	ASTM D4052	0.902
Kinematic Viscosity @ 40°C, cSt	ASTM D445	340
Kinematic Viscosity @ 100°C, cSt	ASTM D445	26.5
Viscosity Index	ASTM D2270	90
Flash Point, °C	ASTM D92	220
Pour Point, °C	ASTM D97	-9

### Application

- Ideal for manual gearboxes and mechanical systems requiring API GL-1 gear oil.
- Suitable for automotive and industrial applications where copper or bronze components are present.
- Recommended for systems requiring a straight mineral oil with SAE viscosity grade 140.

### 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.

### Recommendations

- Follow manufacturer's guidelines for oil change intervals.
- Adjust based on operational conditions.

### Storage & 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.

