

GRÖB Gear Oil SAE 90 GL-2

Product Description

GRÖB 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.

Product Features & 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.

Areas of Application

- Ideal for manual transmissions of classic vehicles and motorcycles.
- Suitable for low-load gears where API GL-2 specification is required.

Typical Properties

Property	Method	Unit	Value
SAE Viscosity Grade	-	-	90
Density at 15°C	ASTM D1298	g/cm ³	0.89 - 0.90
Kinematic Viscosity at 100°C	ASTM D445	mm ² /s	15.5 - 17.5
Kinematic Viscosity at 40°C	ASTM D445	mm ² /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

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.

Approvals & Specifications

- GL-2

Health, Safety, & Environment

- Avoid prolonged contact with skin; wash immediately with soap and water.
- Dispose of used oil at authorized collection points; do not discharge into the environment.
- Store below 60°C and protect from direct sunlight or freezing conditions.

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.

