

## GROB Gear Oil SAE 30 GL-4

### Product Description

**GROB SAE 30 GL-4** is a high-performance, multipurpose oil formulated with outstanding wear protection technology. Its advanced formulation ensures excellent thermal stability, reducing aging and sludge formation even at elevated temperatures. This enhances transmission and hydraulic system reliability while providing extended oil change intervals. The specifically developed additive package ensures longer service life for wet clutches and safe operation of wet brakes under both low and high load conditions.

### Application

MAXGROB SAE 30 GL-4 is suitable for use in:

- Hydraulic systems, transmissions, and gearboxes (including power shift transmissions).
- Onboard gearboxes of off-road equipment with or without low-load brakes (clutches).
- Power shift transmissions, transfer cases, and final drives in construction, quarry, mining, and agricultural machinery.
- Equipment from leading manufacturers such as Caterpillar, Komatsu, and Allison.

### Approvals & Specifications

#### Meets :

- API GL-4
- API CF

#### OEM Approvals :

- Caterpillar TO-4
- Allison C-4
- Komatsu KES 07.868.1
- ZF TE-ML 03C, ZF TE-ML 07F
- Allison TES 439

### Product Features & Benefits

- Exceptional wear protection to extend equipment life.
- Superior thermal stability for extended oil change intervals.
- Outstanding oxidation resistance to reduce sludge and varnish formation.
- Excellent low-temperature performance for reliable start-up.
- Optimal seal compatibility to prevent leaks and minimize maintenance.
- High shear stability ensures consistent performance under extreme conditions.
- Reduces noise and vibration during operation.

### Recommendations for Use

- Follow the manufacturer's guidelines and recommendations provided in the user manual.
- For optimal performance, use the product undiluted.
- Not suitable for use as an engine oil.

### Typical Properties

Property	Method	Units	Value
SAE Class (Gear Oils)	SAE J306	-	SAE 30
Density @ 15°C	DIN 51757	g/cm <sup>3</sup>	0.875
Viscosity @ 40°C	ASTM D445	mm <sup>2</sup> /s	100
Viscosity @ 100°C	ASTM D445	mm <sup>2</sup> /s	12
Viscosity Index	DIN ISO 2909	-	110
Pour Point	DIN ISO 3016	°C	-27
Flash Point	DIN ISO 2592	°C	446
Total Base Number (TBN)	DIN ISO 3771	mg KOH/g	11.4
Sulfate Ash	DIN 51575	g/100g	1.6
Color (ASTM)	DIN ISO 2049	-	L4.0



## Health, Safety, & Environment

- Avoid prolonged or repeated skin contact. Wash thoroughly with soap and water if contact occurs.
- Do not discharge used oil into drains, soil, or water. Dispose of used oil at authorized collection points.
- Refer to the Safety Data Sheet (SDS) for detailed information on handling, storage, and disposal.

## Storage & Handling

- Store in a cool, dry place, ideally under cover.
- Avoid temperatures above 60°C or exposure to direct sunlight and freezing conditions.
- Drums should be stored horizontally to prevent water ingress and label damage.

