

MAXGROB Gear Oil SAE 80W-90 GL-4

Product Description

MAXGROB SAE 80W-90 GL-4 is a universal, all-season, mineral-based hypoid gear oil designed for synchronized and non-synchronized manual transmissions, drive axles, and other components operating under heavy and sustained loads. This gear oil ensures optimal performance and reliability across a wide range of operating conditions and ambient temperatures.

Application

- Specifically developed for manual transmissions, auxiliary and differential transmissions without limited-slip differentials.
- Ideal for commercial vehicles, passenger cars, and off-road machinery.
- Compatible with all branded gear oils, though full performance is achieved when used

Product Features & Benefits

- **High Performance:** Superior antifriction and anti-scuffing properties enhance fuel economy and provide smooth gear shifting.
- **Wear Protection:** Outstanding antiwear and anti-scuffing capabilities extend equipment lifespan, even in extreme operating conditions.
- **Low-Temperature Reliability:** Delivers reliable lubrication and easy starts at temperatures as low as -30°C.
- **Thermal and Oxidation Stability:** Increased resistance to thermal degradation allows extended oil change intervals, reducing maintenance costs.
- **Corrosion Resistance:** Advanced inhibitors protect metal components from rust and corrosion.
- **Seal Compatibility:** Prevents swelling, shrinking, and hardening of seals, reducing leakage and extending service life.
- **Noise Reduction:** Effectively minimizes noise and vibration in transmissions.
- **Universal Application:** Suitable for passenger cars, commercial vehicles, off-road machinery, and other equipment requiring API GL-4 specifications

Approvals & Specifications

Meets :

- API GL-4 , MIL-L 2105 D/E,

APPROVALS :

- MAN 341 Typ E2/Z2, MAN 342 Typ M2, ZF TE-ML 02B/05A/12L/12M/16B/17H/19B/21A, ZF001323 , MB 235.0, Scania STO 1:0, Volvo 97310

Health, Safety, & Environment

MAXGROB SAE 80W90 GL-4 is formulated to meet the highest safety standards. It should not pose any health risks when used as directed. Dispose of used oil responsibly to protect the environment. For detailed safety information, refer to the Safety Data Sheet (SDS).

Storage & Handling

- Store in a cool, dry place away from direct sunlight and temperatures above 60°C.
- Keep containers tightly sealed to prevent contamination.
- Ensure the product is used according to the vehicle manufacturer's recommendations.

Typical Properties

Property	Method	Units	Value
Density @ 15°C	DIN 51757	g/cm ³	0.90
Viscosity @ 40°C	ASTM D7042-04	mm ² /s	142
Viscosity @ 100°C	ASTM D7042-04	mm ² /s	14.8
Viscosity Index	DIN ISO 2909		104
Brookfield Viscosity @ -26°C	ASTM D2983-09	mPa·s	≤150,000
Pour Point	DIN ISO 3016	°C	-27
Flash Point	DIN ISO 2592	°C	200
Color (ASTM)	DIN ISO 2049		L3.5

