

MAXGROB Gear Oil SAE 75W-80 GL-4

Product Description

MAXGROB SAE 75W80 GL-4 is a high-performance, fully synthetic gear oil developed to meet the demanding requirements of modern 5- and 6-speed manual transmissions, transfer cases, and main gears. Engineered with a premium synthetic base oil and an advanced additive package, it ensures superior lubrication, excellent fuel economy, and extended equipment life. Recommended for use in vehicles requiring **API GL-4** or lower performance levels, including BMW, Volvo, Toyota, Nissan, Mitsubishi, Peugeot, and Honda.

Application

MAXGROB SAE 75W80 GL-4 is suitable for use in:

- Synchronized manual transmissions, including those with integrated differentials.
- Transfer cases and auxiliary transmissions operating under severe conditions.
- Gearboxes requiring extended drain intervals and compatibility with modern synchronizer materials.

Performance Benefits

- **Enhanced Fuel Economy:** Superior low-viscosity formulation reduces drag and improves energy efficiency.
- **Smooth Gear Shifting:** Ensures seamless transmission operation, especially in cold conditions.
- **Excellent Low-Temperature Performance:** Maintains fluidity down to -42°C , ensuring reliable lubrication and easy shifting in extreme cold.
- **Anti-Wear Protection:** Protects gears against wear and scuffing under high pressure, extending equipment life.
- **Corrosion Resistance:** Prevents rust and corrosion, protecting metal surfaces for long-term reliability.
- **Thermal Stability:** High resistance to oxidation and thermal degradation extends oil change intervals and reduces maintenance costs.
- **Seal Compatibility:** Prevents swelling, shrinking, or hardening of seals, reducing the risk of leaks and failures.
- **Noise Reduction:** Minimizes transmission noise for a quieter driving experience.

Meets and Exceeds

Meets

- API GL-4
- GL-3
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OEM Approvals:

- ZF TE-ML 01E, 02E, 16P
- VOITH Class C
- Volvo 97307
- MAN 341 Type Z5, VR
- MB-Approval 235.29

Typical Properties

Property	Method	Units	Value
Density @ 15°C	DIN 51757	g/cm^3	0.860
Kinematic Viscosity @ 40°C	ASTM D445	mm^2/s	55.8
Kinematic Viscosity @ 100°C	ASTM D445	mm^2/s	9.5
Viscosity Index	ASTM D2270	-	154
Pour Point	DIN ISO 3016	$^{\circ}\text{C}$	-42
Flash Point	DIN ISO 2592	$^{\circ}\text{C}$	240
Brookfield Viscosity @ -40°C	ASTM D2983-09	$\text{mPa}\cdot\text{s}$	$\leq 150,000$
Color (ASTM)	DIN ISO 2049	-	L 1.5



Health, Safety and Environment

MAXGROB SAE 75W80 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 and 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.

