

MAXGROB Gear Oil SAE 75W-80 GL-5

Product Description

MAXGROB SAE 75W-80 GL-5 is a high-performance, synthetic gear oil formulated to meet the rigorous demands of modern manual transmissions and gear systems, including hypoid gears. Its advanced additive technology and low-viscosity synthetic base oil provide outstanding anti-wear, anti-scuffing, and oxidation resistance, ensuring smooth and reliable performance in extreme operating conditions. Designed for use in a variety of vehicles and equipment, MAXGROB 75W-80 GL-5 offers superior low-temperature fluidity, extended oil life, and excellent compatibility with structural metals and seals, minimizing maintenance costs and maximizing operational efficiency.

Product Features & Benefits

- **Enhanced Fuel Economy:** Low-viscosity formula reduces friction and improves efficiency.
- **Superior Wear Protection:** Extends the life of gears and other components under heavy loads.
- **Outstanding Oxidation Resistance:** Enables extended oil change intervals and reduces maintenance costs.
- **Reliable Low-Temperature Performance:** Ensures smooth operation in ambient temperatures as low as -45°C.
- **Exceptional Compatibility:** Protects structural metals, alloys, and seals from corrosion and wear.

Storage & Handling

- Store in a cool, dry place away from direct sunlight.
- Recommended storage temperature: below 60°C.
- Avoid mixing with other oils or contaminants.

Typical Properties

Property	Method	Units	Value
SAE Grade	SAE J306	-	75W-80
Density @ 15°C	ASTM D4052	g/ml	0.880
Kinematic Viscosity @ 40°C	ASTM D445	mm ² /s	49.6
Kinematic Viscosity @ 100°C	ASTM D445	mm ² /s	9.23
Viscosity Index	ASTM D2270	-	171
Pour Point	ASTM D6892	°C	-45
Flash Point	DIN ISO 2592	°C	210
Brookfield Viscosity @ -40°C	ASTM D2983	mPa·s	≤65,000

Application

MAXGROB 75W-80 GL-5 is recommended for:

- Manual transmissions, including synchronized systems.
- Transaxles and transfer cases.
- Hypoid gears and main gears in passenger cars, trucks, buses, and off-road equipment.
- High-speed, shock-load, and high-torque applications.

Complies with API GL-4/GL-5 standards and is suitable for use in vehicles and equipment produced by European, American, and Asian manufacturers.

Approvals & Specifications

Meets :

- GL-4, GL-5
- MIL L-2105 C/D

OEM Recommendations:

- Ford WSD-M2C200-C
- PSA B71 2330
- Mack GO-J Plus
- GB13895
- AIST 224
- David Brown S1.53.101
- AGMA 2005 -E02 .

Health, Safety, & Environment

Prolonged skin contact may cause irritation. Use gloves and follow standard safety practices. Dispose of used oil responsibly at authorized collection points. Refer to the product's Safety Data Sheet (SDS) for detailed guidance.

