

MAXGROB Marine Gear Oil SAE 80W-90 GL4/GL5 MT-1

Product Description

MAXGROB Marine Gear Oil SAE 80W-90 GL4/GL5 MT-1 is a premium, high-performance gear oil formulated with carefully selected base oils and advanced additives to provide superior protection for inboard and outboard transmissions. It offers exceptional high-pressure absorption, outstanding corrosion resistance, and excellent viscosity-temperature stability. This product is designed to withstand high loads, minimize wear, and reduce operational noise, ensuring long-lasting performance under demanding marine conditions.

Application

- Suitable for inboard and outboard transmissions subjected to normal to high loads, including Z-drives.
- Recommended for gear cases from leading global manufacturers, including Evinrude, Johnson, Mariner, Suzuki, Honda, Yamaha, Tohatsu, and Nissan, requiring API GL-4 or GL-5 quality oils.
- Not recommended for jet units requiring special fluids—refer to the user manual before application.

Performance Benefits

- **High Pressure-Absorption Capability:** Ensures smooth operation, even under extreme conditions.
- **Noise Reduction:** Reduces running noise for a quieter and smoother experience.
- **Corrosion Resistance:** Provides outstanding protection against rust and corrosion, even in marine environments.
- **Compatibility:** Safe for all common sealing materials.
- **Aging Resistance:** Offers excellent stability, prolonging oil and component life.
- **Easy Gear Shifting:** Superior frictional properties enable smooth transmission operation.

Meets and Exceeds

Meets

- API GL-4
- API GL-5
- API MT-1

Typical Properties

Property	Method	Unit	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

Usage Instructions

- Always follow the manufacturer's guidelines for your vessel or transmission.
- Ensure proper application to maintain performance and longevity of components.



Health, Safety and Environment

- Avoid prolonged contact with skin. Wash immediately with soap and water if exposed.
- Dispose of used oil responsibly by taking it to an authorized collection point.
- Protect the environment by avoiding discharge into soil, water, or drains.

Storage and Handling

- Store in a covered area to avoid contamination.
- Avoid storing above 60°C, under direct sunlight, or in freezing conditions.
- Lay drums horizontally if stored outside to prevent water ingress.

