



## Synthetic Marine Gear Lube

High-Performance Lubricant Engineered to Meet the Demands of Marine Applications

AMSOIL Synthetic Marine Gear Lube is an exclusive AMSOIL formulation of synthetic base oils and high-performance additives that address the specific concerns of marine applications. It is fortified with extreme-pressure (EP) additives for superior protection of fast-accelerating, high-torque/horsepower engines. It protects against shock loading from cavitation of heavily loaded engines.

AMSOIL Synthetic Marine Gear Lube is water resistant. It maintains extreme-pressure protection even when contaminated with as much as 10 percent water. It promotes longer seal life to help prevent water contamination. AMSOIL Synthetic Marine Gear Lube is designed to prevent rust and is compatible with aluminum, copper and brass alloys.



75W/80W-90

### Applications

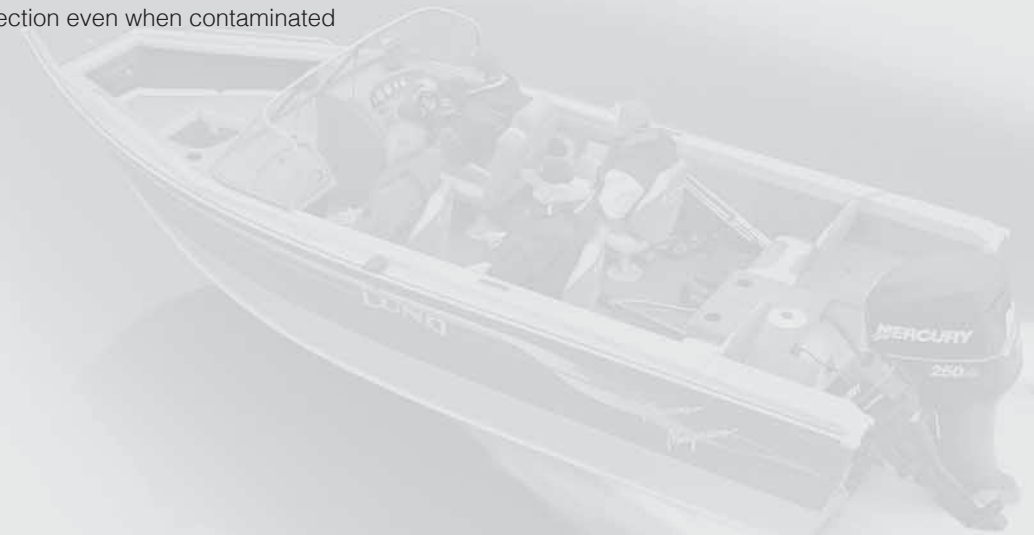
AMSOIL Synthetic Marine Gear Lube is recommended for fresh and salt water applications requiring either 75W-90 or 80W-90 viscosity grade and meeting either API GL-4 or GL-5 performance standards.

Examples of AMSOIL Universal Synthetic Marine Gear Lube applications include:

**Outboard lower units:** Mercury/Mariner, Johnson/Evinrude, Bombardier, Honda, Yamaha, Suzuki, Force/US Marine, Nissan, Tohatsu, Harbormaster Marine Outboard Drives, Sears Gamefisher and Seagull. **Sterndrives:** Mercruiser-Bravo, OMC/ Bombardier, Volvo-Penta, Yanmar, Konrad Marine Drive Systems. **V-Drives:** Casale & Menkens. **Bow & tunnel thrusters:** Harbormaster Marine. **Marine Transmissions:** ZF Marine Transmission.

### AMSOIL Synthetic Marine Gear Lube provides:

- Excellent gear and bearing protection even when contaminated with 10 percent water
- Reduced friction and wear
- Rust and corrosion protection
- Long seal life
- Superior foam prevention



## TYPICAL TECHNICAL PROPERTIES

### AMSOIL Synthetic Marine Gear Lube 75W/80W-90 (AGM)

SAE 75W/80W-90 (AGM)

Kinematic Viscosity @ 100°C, cSt (ASTM D-445)	15.6
Kinematic Viscosity @ 40°C, cst (ASTM D-445)	124.6
Viscosity Index	132
Flash Point, °C (°F) (ASTM D-92) 150°C Min.	216 (421)
Pour Point, °C (°F) (ASTM D-97)	-43 (-45)
Falex Procedure B (ASTM D-3233) (failure load, LbF)	2000
Foam Stability (ASTM D-892) (20/50/20 maximum)	0/0/0

Extreme-Pressure and Foam Stability Testing		
Test	AMSOIL Synthetic Marine Gear Lube	
FALEX Extreme-Pressure Load Test B (LbF) (ASTM D-3233B)	No Water 2000	With 10% Water 2000
Foam Stability (ASTM D-892)		
Sequence I	0/0	0/0
Sequence II	0/0	0/0
Sequence III	0/0	0/0

Marine gear oils operate in environments subject to water contamination. The chart demonstrates the ability of AMSOIL Synthetic Marine Gear Lube to maintain designed qualities such as extreme-pressure/anti-wear performance and resistance to foaming, even when subjected to 10 percent water contamination.

The Falex Procedure is a measurement of a gear lube's extreme-pressure and anti-wear properties. A high value in the Falex Extreme-Pressure Test relates to extra extreme-pressure protection. AMSOIL Synthetic Marine Gear Lube provides extreme-pressure protection and is highly resistant to the effects of water contamination.

The presence of foam in a lubricant disrupts oil film and promotes wear. Water contamination can increase the likelihood of foaming. Industry standard testing demonstrates zero foam in both new and water-contaminated AMSOIL Synthetic Marine Gear Lube.

**AMSOIL Synthetic Marine Gear Lube** is compatible with other commercially available conventional and synthetic marine gear lubes.

*Follow manufacturers' recommended service intervals.*

*It is generally a good idea to change gear lube at the end of a season prior to storage.*



AMSOIL products and Dealership information are available from your local AMSOIL Dealer.