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AMSOIL Regulatory Compliance

DATA SHEET

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 addresses 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 delivers advanced outboard protection against power loss and gear wear, even with up to 15 percent water contamination.[1] It promotes long 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.



- **Excellent** gear and bearing protection, even when contaminated with 15 percent water[1]
- **Reduced** friction and wear
- **Protection** against rust and corrosion
- **Long** seal life
- **Superior** foam prevention

Extreme-Pressure and Foam-Stability Testing		
Test	***AMSOIL Synthetic Marine Gear Lube***	
	No Water	With 15% Water
FALEX Extreme-Pressure Load Test B (LbF) (ASTM D3233B)	2000	2000
Foam Stability (ASTM D892)		
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 above 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 15 percent water contamination.[1]

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

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[1]Based upon AMSOIL testing of AMSOIL Synthetic Marine Gear Lube 75W-90 in ASTM 3233 and ASTM D892.

TYPICAL TECHNICAL PROPERTIES

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

Kinematic Viscosity @ 100°C, cSt (ASTM D445)	15.4
Kinematic Viscosity @ 40°C, cSt (ASTM D445)	117.3
Viscosity Index	137
Flash Point, °C (°F) (ASTM D92) 150°C Min.	208 (406)
Pour Point, °C (°F) (ASTM D97)	-43 (-45)
Falex Procedure B (ASTM D3233) (failure load, LbF)	2000
Foam Stability (ASTM D892) (20/50/20 maximum)	0/0/0

APPLICATIONS

Use in fresh- and saltwater applications that require 75W-90 or 80W-90 gear lube and any of the specifications listed below, including lower units made by Mercury/Mariner,* Johnson/Evinrude,* Bombardier,* Honda,* Yamaha,* Suzuki,* Force/US Marine,* Nissan,* Tohatsu* and Harbormaster;* sterndrives made by Mercruiser-Bravo,* OMC/Bombardier, Volvo-Penta,* Yanmar,* Konrad* and Marine Drive Systems;* V-drives made by Casale & Menkins;* bow thrusters made by Harbormaster Marine;* and transmissions made by ZF Marine Transmission.*

- API GL-4, GL-5

COMPATIBILITY

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.

WARRANTY SECURE

AMSOIL Synthetic Marine Gear Lube is Warranty Secure, keeping your factory warranty intact. Synthetic Marine Gear Lube is a high-performance replacement for manufacturer-branded products and is also backed by the AMSOIL Limited Warranty. For details, visit AMSOIL.com/warrantysecure.

HEALTH & SAFETY

This product is not expected to cause health concerns when used for the intended application and according to the recommendations in the Safety Data Sheet (SDS). An SDS is available via the Internet at AMSOIL.com or upon request at (715) 392-7101. **Keep Out of Reach of Children.** Recycle used oil and bottle.

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

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