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DATA BULLETIN

The First in Synthetics®

AMSOIL Synthetic Marine Engine Oil

10W-30 & 10W-40

AMSOIL Synthetic Marine Engine Oil is a premium synthetic formulation designed to withstand the heat and stress of high-rpm operation and deliver excellent wear protection. It protects against rust and corrosion during periods of inactivity and long-term storage to keep your engine protected, even when it's not running. Synthetic Marine Engine Oil is perfect for hardcore anglers and boating enthusiasts who demand the best protection for their marine engines.



- **Excellent** high-stress, high-rpm endurance
- **Increased** rust and corrosion protection
- **NMMA** FC-W Catalyst Compatible

Fights Engine Wear

AMSOIL Synthetic Marine Engine Oil's naturally strong base oils resist viscosity loss due to mechanical shear. The oil develops a tough lubricating film that protects engine parts, even in high-heat, high-rpm conditions that breakdown other oils. Synthetic Marine Engine Oil contains robust anti-wear additives that further reduce wear in metal-to-metal contact regions, guarding against compression loss for maximum power and extending the lives of marine engines.

Excellent Anti-Rust Performance

Good rust protection is not natural to motor oil; it comes only by design. AMSOIL Synthetic Marine Engine Oil is fortified with potent inhibitors that guard against damaging rust and corrosion. It protects engines during use and during inactivity or long-term storage.

NMMA Certified

Synthetic Marine Engine Oil is certified by the National Marine Manufacturers Association (NMMA) for use in four-stroke outboard motors. This high-quality oil demonstrates outstanding performance and meets the requirements of the NMMA FC-W Catalyst Compatible specification, which is backward-compatible with the FC-W specification.

- 10W-40 – FC-W (CAT)® Registration Number: FC-00850T
- 10W-30 – FC-W (CAT)® Registration Number: FC-00833T

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Order by Phone 1-800-956-5695 - Give Operator Reference #5983322

TYPICAL TECHNICAL PROPERTIES

AMSOIL Synthetic Marine Engine Oil

	10W-30 (WCT)	10W-40 (WCF)
Kinematic Viscosity @ 100ºC, cSt (ASTM D445)	11.8	14.1
Kinematic Viscosity @ 40ºC, cSt (ASTM D445)	75.6	93.3
Viscosity Index (ASTM D2270)	151	155
Pour Point ºC (ºF) (ASTM D97)	-39 (-38)	-38 (-36)
Flash Point ºC (ºF) (ASTM D92)	230 (446)	240 (464)
High-Temperature/High-Shear Viscosity (ASTM D5481)	3.5	4.2
Four-Ball Wear Test (ASTM D4172 @ 40kgf, 150˚C 1800 rpm, 1 hr), Scar, mm	0.41	0.40
NOACK Volatility, % weight loss (g/100g) (ASTM D5800)	7.8	7.5
Total Base Number	7.9	7.9

APPLICATIONS

Use in gasoline-fueled four-stroke inboards, outboards, inboard/outboards and personal watercraft, including those made by Honda*, Mercury*, Yamaha*, Johnson/Evinrude*, Bombardier/BRP*, Suzuki*, Nissan*, Tohatsu*, OMC*, Volvo-Penta*, Mercruiser*, Chevrolet* and Ford*.

NMMA FC-W Catalyst Compatible • API SM

SERVICE LIFE

- Four-stroke outboard motors and personal watercraft applications: Due to potential fuel dilution or water contamination, change oil at the engine or watercraft manufacturer-recommended interval.
- Inboard and I/O applications: Change oil at two times the engine manufacturer-recommended interval or one year, whichever comes first.

COMPATIBILITY

AMSOIL Synthetic Marine Engine Oil is compatible with other synthetic and conventional motor oils. Adding other oils, however, will shorten the life expectancy of AMSOIL motor oils and reduce their performance benefits. AMSOIL does not support extended drain intervals where oils have been mixed.

Aftermarket oil additives are not recommended for use with AMSOIL Synthetic Marine Engine Oil.

WARRANTY SECURE®

AMSOIL Synthetic Marine Engine Oil is Warranty Secure, keeping your factory warranty intact. AMSOIL Synthetic Marine Engine Oil is a high-performance replacement for vehicle manufacturer-branded products and is also backed by the AMSOIL Limited Warranty. For details, visit www.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 online at www.amsoil.com or upon request at (715) 392-7101. **Keep Out of Reach of Children**. Recycle used oil and bottle.

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

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