



PROTECTION | **PERFORMANCE**
you demand. | *you deserve.™*

DATA SHEET

Synthetic Marine Engine Oil

AMSOIL Synthetic Marine Engine Oil is specifically engineered to deliver excellent anti-wear protection under the high heat and stress of high-rpm marine engine operation. It also protects against rust and corrosion during periods of inactivity and long-term storage, making it perfect for hard-core anglers and boating enthusiasts who demand complete year-round protection for their marine engines.

Fights Engine Wear

AMSOIL Synthetic Marine Engine Oil creates a thick lubricating film that protects engine parts under high-heat, high-rpm conditions that can break down other oils. It is formulated with premium synthetic base oils that resist mechanical shearing to maintain viscosity. Its advanced anti-wear additives inhibit metal-to-metal contact to help prevent compression loss and maximize power and engine life.

Protects Against Corrosion

Motor oil does not naturally provide rust protection; it comes only by design. AMSOIL Synthetic Marine Engine Oil is fortified with potent rust and corrosion inhibitors that help protect marine engines during operation in wet environments and during inactivity or long-term storage.

NMMA Certified

AMSOIL Synthetic Marine Engine Oil is certified FC-W Catalyst Compatible by the National Marine Manufacturers Association (NMMA) demonstrates outstanding performance in four-stroke outboard motors. It 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



- **Protects** under high heat and high-rpm operation
- **Inhibits** rust and corrosion
- **NMMA** FC-W Catalyst Compatible



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TYPICAL TECHNICAL PROPERTIES

AMSOIL Synthetic Marine Engine Oil

	10W-30 (WCT)	10W-40 (WCF)
Kinematic Viscosity @ 100°C, cSt (ASTM D445)	11.8	14.1
Kinematic Viscosity @ 40°C, cSt (ASTM D445)	75.6	93.3
Viscosity Index (ASTM D2270)	151	155
Pour Point °C (°F) (ASTM D97)	-39 (-38)	-38 (-36)
Flash Point °C (°F) (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, supercharged watercraft engines and personal watercraft requiring any of the specifications listed below, including those made by Bombardier/BRP,* Chevrolet,* Ford,* Honda,* Johnson/Evinrude,* Mercruiser,* Mercury,* Nissan,* OMC,* Suzuki,* Tohatsu,* Volvo-Penta* and Yamaha.*

- API SN
- JASO MA
- NMMA FC-W Catalyst Compatible

SERVICE LIFE

Four-stroke outboard motors and personal watercraft:

Change oil at the watercraft manufacturer-recommended interval due to potential fuel dilution or water contamination.

Inboard and I/O:

Change oil at twice 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. However, mixing with other oils will reduce the life expectancy and performance benefits of AMSOIL Synthetic Marine Engine Oil. 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 a high-performance replacement for vehicle manufacturer-branded products. It is backed by the AMSOIL Limited Warranty and is Warranty Secure, keeping your factory warranty intact.

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) available 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 AMSOIL Dealer.