



## AMSOIL Synthetic Marine Engine Oil 10W-30 & 10W-40

AMSOIL Synthetic Marine Engine Oil is a premium-quality synthetic formulation engineered for the harsh operating conditions of marine environments. It withstands the intense mechanical action of continuous, high-rpm operation to deliver superior viscosity protection. Synthetic Marine Engine Oil is specially fortified with a heavy treatment of advanced additives that protect motors against wear, rust and deposits. It excels in high-rpm operation and all-day trolling conditions.

### Superior Protection Against Engine Wear

Marine engines operate under high loads and rpm for extended periods, causing traditional automotive oils to break down and lose viscosity. AMSOIL Synthetic Marine Engine Oil is specifically designed to provide excellent shear stability and a superior lubricating film. Synthetic Marine Engine Oil contains robust anti-wear additives that further reduce wear in metal-to-metal contact regions, extending the lives of marine engines.

### Excellent Anti-Rust Performance

Marine engines are prone to rust and corrosion due to constant exposure to humid, wet environments. Rust on engine parts acts like sandpaper, scouring bearings, the cylinder wall, piston rings and other components, while aluminum pistons and other parts can corrode. Rust and corrosion reduce engine power and eventually cause catastrophic failure.

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.

### 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)<sup>®</sup> Registration Number: FC-00850T
- 10W-30 – FC-W (CAT)<sup>®</sup> Registration Number: FC-00833T



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

## 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 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 conventional and synthetic motor oils. Mixing AMSOIL motor oils with other oils, however, will shorten the oil's life expectancy and reduce its performance benefits. AMSOIL does not support extended drain intervals where oils have been mixed.

Aftermarket oil additives are not recommended for use with AMSOIL motor oils.

## WARRANTY SECURE®

AMSOIL Synthetic Marine Engine Oil is Warranty Secure®, keeping your factory warranty intact. It is a high-performance replacement for vehicle manufacturer-branded products and is also backed by the AMSOIL Limited Warranty (G1363).

For details, visit [www.amsoil.com/warrantysecure](http://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](http://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.