



SM Four Stroke FC-W

10W40

Previously known as Four-C 10W40

Description

SeaMaster (SM) Four Stroke (4ST) SAE 10W40 is a semi-synthetic marine engine oil formulated with the latest additive technology for use in four-stroke petrol fuelled engines in marine applications.

Applications

SM 4ST SAE 10W40 is recommended for petrol fuelled four-stroke outboard, inboard/outboard (I/O) and personal watercraft / leisure craft motors. It is recommended for the following applications:

- 4ST Outboard Motors: Honda, Mercury, Yamaha, Johnson/ Evinrude, Bombardier/BRP, Suzuki, Nissan, Tohatsu
- Inboard and I/O: MerCruiser, Volvo Penta, OMC, Chrysler Marine, Crusader, Marine Power, Chevrolet, Ford
- Personal Watercraft / Leisure craft: Honda, Yamaha, Bombardier/BRP (Sea-Doo), Polaris

Features & Benefits

SM 4ST SAE 10W40 offers

- Unsurpassed wear protection
- Excellent rust and corrosion protection
- Viscosity stability
- Low volatility
- NMMA FC-W (catalyst compatibility)

SM 4ST SAE 10W40 exceeds the requirements of NMMA FC-W[®] for use in four-stroke outboard and marine inboard engines. SM 4ST is also excellent for personal watercraft / leisure crafts.

Specifications

Properties	Method	Results
Specific Gravity @ 20°C	ASTM D792	0.858
Kinematic Viscosity @ 40°C	ASTM D445	95.01
Kinematic Viscosity @ 100°C	ASTM D445	14.67
Viscosity Index	ASTM D2270	160.9

Performance Levels

API SM	NMMA FC-W Catalyst Compatible	NMMA FC-W	JASO MA (T903:2011)
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Technical Data Sheet



SM Four Stroke FC-W

10W40

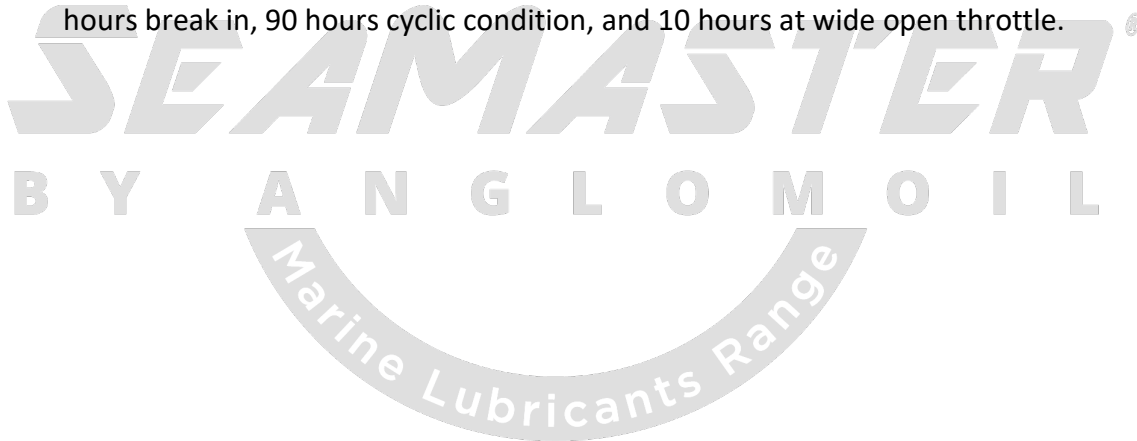
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Additional Information

NMMA FC-W. The rapid growth in four-stroke marine engines has prompted the NMMA (National Marine Manufacturers Association), to issue the first specifications for oil use in those motors, whilst the specifications have been driven partially by the environmental objectives of a 75% reduction in outboard hydrocarbon and NOx emissions, wear and rust protection was the top priority. Oil for four-stroke motors is governed by NMMA's new FC-W® specification.

NMMA FC-W Testing. SM 4ST formulation has been tested extensively by the NMMA, Test include:

- **Rust** – ASTM B117/Mercury Marine Version – This test is run for 24 hours @ 100°C and uses a salt-fog procedure, Pass/Fail limits are pre-determined and the candidate oil must provide better or equal protection to the standard
- **No-Harm Test** – Yamaha 115 hp Engine – the objective of this test to evaluate engine performance and durability including wear protection and deposit control on components. The test is run for 110 hours total. A duty cycle was established , with 10 hours break in, 90 hours cyclic condition, and 10 hours at wide open throttle.



Master Item# 1401

Pack Size Availability: 5L, 20L, 200L, IBC=1000L

Last Updated: 6th December 2023
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