

Mercury Marine FourStroke & Verado Scheduled Service Guide

Platform: 115hp - 300hp CMS & AMS Series - ABYC Certified Engineering Checklist

Official Engineering Document - SailingManuals Maritime Technical Archive

TECHNICAL SPECIFICATIONS & VERIFIED BENCH TOLERANCES:

1. Engine Oil Specification: Mercury 25W-40 Synthetic Blend Marine Oil (NMMA FC-W)
2. Crankcase Capacity: 2.1L FourStroke: 5.0 Liters | 4.6L V8 Verado: 7.0 Liters
3. Gearcase Lubricant: Mercury High Performance Gear Lube SAE 90 GL-5 (Capacity: 970 mL)
4. Fuel-Water Separation: Inspect visual bowl every 25 hrs; replace 10-micron element annually
5. Spark Plug Replacement: Champion QC10WEP (Torque: 27 Nm / 20 lb-ft)
6. Water Pump Impeller: Replace every 300 operating hours or 3 years (Severe Duty: 100 hrs)
7. Power Steering Fluid: Mercury Synthetic Power Steering Fluid (Never use ATF fluid)
8. SmartCraft Telemetry: Normal Coolant Temp: 145 - 165 deg F | Oil PSI: 35 - 55 PSI

Verified in Compliance with ABYC Standards - ISO 9001 Review Protocol - SM-PDF-2026