



Marine Winterization Checklist

● General Winterization

- Change Engine Oil**
- Stabilize Fuel Tank**
 - Fill to 95% capacity*
 - Add fuel stabilizer*
 - Run engine for 10 minutes*
- Fog the Engine**

● Inboard Boats

- Raw Water Cooled**
 - Drain engine and clear debris*
 - Place water intake in antifreeze bucket*
 - Run engine and watch exhaust for antifreeze*
- Closed Coolant Inboard**
 - Drain engine and clear debris*
 - Place water intake in antifreeze bucket*
 - Run engine and watch exhaust for antifreeze*
 - Check engine coolant and change if dirty*



● Sterndrive Boats

- Through Hull Water Intake**
 - Connect intake to bucket of antifreeze*
 - Run engine and watch exhaust for antifreeze*

- Outdrive Water Intake**
 - Place muffs on outdrive intake holes*
 - Place hose in bucket of antifreeze, connect to muffs*
 - Run engine and watch exhaust for antifreeze*

- Outdrive Service**
 - Grease moving components through fittings*
 - Drain and replace gear oil*
 - If gear oil contains water, conduct a pressure test to locate bad seal*

● Outboard Boats

- Change Engine Oil**
- Stabilize Fuel Tank**
- Fog the Engine**
- Change Gear Oil**
- Run antifreeze through the engine with muffs**



● Jet Drive Boats and Watercraft

- Change Engine Oil
- Stabilize Fuel Tank
- Fog the Engine
- Run engine in brief stints to blow excess water out of the jet system

● Winterizing Marine Plumbing

- Marine Head (Toilet)
 - Completely empty holding tank*
 - Clean the system by running sanitizer and fresh water through it*
 - Pour non-toxic antifreeze into the head and flush it into the holding tank*
- Fresh Water Fixtures
 - Run hot and cold fixtures until water tank is empty*
 - Fill Fresh water tank with antifreeze*
 - Starting at the fixture furthest from the tank, turn on the hot water side*
 - Allow it to run until antifreeze comes out of the fixture*
 - Repeat for the cold water side*
 - Repeat entire process for each fixture working back toward the water tank including showers*



● Storage

- Securely cover boat with shrinkwrap or a tarp
- Store on a level surface on a trailer, jack stands, cradle, rack, or lift
- Store in a place away from trees and roofs to protect from runoff

● Things to Remember

- Use a nontoxic RV antifreeze made with ethanol or propylene glycol
- Check on your boat throughout the layup period, especially after bad weather and deep freezes

Have questions? Give **Matson Point S Auto and Marine** a call at **(801)302-7175** or visit us at **www.matsonauto.com**