

**DIESEL ENGINE WINTERIZING
YANMAR SB 8 8 HORSE POWER**

- CHANGE OIL:** MATERIAL NEEDED: 3 Qt. OIL 30 weight.
Gallon plastic BOTTLE with screw on top.
Large FUNNEL or 2 liter soda bottle-top half CUP to catch
oil (or use 1/2 of soda bottle).
1. Run engine for 15 minutes to warm up oil.
 2. Drain engine oil. (Don't loose the Washer).
 3. Fill oil into top (3 Quarts).
 4. TRANSMISSION OIL needs to be changed every couple of years they say.
It should be PUMPED OUT with the hand pump. Use ENGINE OIL.
 5. Twist the OIL CLEANER handle on the starboard side of the engine.

FUEL SYSTEM:

MATERIAL NEEDED:

Diesel Fuel
Diesel Fuel STABILIZER
Fuel Filters (If Needed)
NON-FLAMMABLE spray LUBRICANT

FUEL FILTERS:

#1 (in-line, Big filter)

NAPA 3207
Big A 95207

#2 (on engine)

NAPA 3262
Yanmar 104500-55710
Fram C 7516

1. FILL FUEL TANK and **add stabilizer** .
2. Drain some fuel from each fuel filter until clean. Replace filter(s) if needed.
3. While holding ENGINE DECOMPRESSION lever open, run the STARTER and MIST the AIR INTAKE liberally to coat the inside of carburetor.
4. Spray lubricant on all moving engine parts for protection.

COOLING WATER:

MATERIAL NEEDED: 18" HOSE ~ 3/8" Diam.
1 Gallon BIODEGRADABLE ANTIFREEZE

1. Close sea cock (near batteries).
2. Remove intake WATER HOSE at engine and drain water into bilge.
3. **LOOSEN NUT** on **port side of engine** (end of ~3" extension).
4. After water drains for several minutes to be sure its dry, tighten hex nut.
5. Clamp spare hose on intake nipple. Put the other end in the ANTIFREEZE bottle.
6. RUN ENGINE until the bottle is dry, and antifreeze is coming out the exhaust.
7. Remove spare hose and replace INTAKE WATER HOSE. **TIGHTEN** the bleeder nut and the hose clamps.

REMOVING SCALE IN COOLING SYSTEM:

(Perform every few years as needed.)

MATERIAL NEEDED:

5 Gallon Bucket
TSP (Tri Sodium Phosphate) Cleaning Powder
Hoses to & from cooling system

1. Fill Bucket with hot water. Add TSP.
2. Close sea cocks. Place both intake and discharge hoses in bucket.
3. Run engine for 15 or 20 minutes to circulate TSP, allowing it to clean inside of engine.
4. Re-connect hoses to normal positions, open sea cocks and flush out TSP.

SPRING WORK

Ladder
Chain & Lock
Roller
Roller cover
Paint brush
Paint **Micron CSC Extra**
Paint Thinner **Brush Ease # 433**
Masking tape
Stirring stick
Transducer Paint
Sand Paper
Rubber gloves
Mask
Paint cloths, shoes, hat
Zink **3/4" F**
Hex-wrench
Boat Wax
Paper Towels

Rigging tape
Silicon spray
Silicon sealant

Charts
Tide tables
Radio
Flash lights
Tool Kit
Cleaning gear

Remove boat cover on dry day
Fold and store boat cover
Remove frame and store tied together

Compound and wax sides of boat
Put on masking tape - do NOT leave tape on overnight!
Sand bottom with 50 grit sand paper
Sand depth sounder, shaft and prop with fine sand paper
Paint depth sounder transducer and prop with transducer paint
Paint bottom
Leave some paint and brush for yard to paint under cradle

Put antenna and windex on top of mast seal w/ silicon
Lubricate mast fittings and tracks