Technical Bulletin

G General
Ref: GTB 03

September 2010
Sheet 1

First Service Check Sheet for EP Marine Engines

This sheet is intended as a guide for engineers carrying out the first service.
It should be used in conjunction with any recommendations of the Boatbuilder and Engine Installer.

Carry out checks in column A prior to running.	A	B	C
1. Drain Engine Oil…via Sump Pump at the flywheel end of the engine.			
2. Ensure Isolating Tap below Sump Pump is in the **OFF** position.			
3. Unscrew Engine Oil Filter and remove.			
4. Smear oil lightly round the new Oil Filter Sealing Ring.			
5. Fit the new Oil Filter, screwing up hand tight.			
6. Fill engine with new oil of the correct viscosity and grade. Allow time for the oil to drain down and check the dipstick regularly…,,,,,……***Do not overfill***.			
7. Check Cooling Water Level & top up if required.			
8. Drain Gearbox Oil and re-fill with oil of correct viscosity and grade to the correct level.			
9. Check Water Piping is not chafing or leaking and that any clips are secure.			
10. Check for Fuel Contamination and drain Water Trap / Agglomerator if fitted.			
11. Check Fuel Piping is not chafing or leaking and that any clips are secure.			
12. Check Exhaust Piping is not leaking and that all joints are secure.			
13. Check Wiring Loom and Cables are not chafing and all clips are secure.			
14. Check Coupling Bolts are secure.			
15. Check Coupling alignment where a "Universal Drive" type coupling is not fitted.			
16. Start the engine and check that the Oil Pressure Lamp goes out.			
17. Run the engine for 10 minutes, carrying out the checks in column **B**.			
18. Check engine idle speed is not lower than 850 r/min, to avoid Gearbox rattle.			
19. Stop the engine and carry out the checks in column **C**.			

Columns A,B & C are provided as confirmation of checks as below:

A – Checks *prior* to running. **B** – Checks *during* running. **C** – Checks *after* running.

NOTE… Normal operating Water Level is 20 to 40mm below the top face of the Manicooler.

Engine Type:…….		**Engine Number:…**	
Boat Reference:……			
Service Engineer:…			

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