

Service Bulletin

Priority RED

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Important!

System Applicability: Marinfloc Emulsion Breaking Bilge Water Systems - All types

Upon receipt of reports from several **Marinfloc Emulsion Breaking Bilge Water System** users and tests done by **Marinfloc AB**, we wish to draw to your attention the importance of the following items.

A) Oil Sensor on Oil Descaler:

When removing the Oil Sensor found on the Oil Descaler (Pos. 39), it is very important to disconnect the electrical wires to prevent malfunction. There is an internal earth wire between the electronics and the sensor rod which may break if not disconnect properly.

Consequences of broken earth wire:

The sensor will fail to sense the difference between oil and water.

Preventative measures

Disconnect the electrical wires prior to removal of the sensor. A common rule of thumb is to never turn the sensor inside the aluminium nut beyond one complete turn. The earth wire has found to break after any further adjustment.

B) Turbulence in Floc Tank Sludge during rough weather:

We have received comments from some customers regarding turbulence in the sludge within the flocculation tanks during rough weather. This is commonly caused by water running from one tank to the other through the 2" drain pipe at the bottom of the tanks.

Consequences of turbulence in the floc tank sludge:

This turbulence may cause the floc sludge to rise and enter the discharge pipe, resulting in contaminated filter steps, high ppm levels and shutdown of the system.

Preventative measures:

The unit can be fitted with one additional 2" drain valve in parallel with the existing one. The new valve should be fitted on one of the floc tanks drainpipe before the existing T-connection that joins the two drains. This will stop the transfer between the tanks below the discharge pipe level. The installation of this additional drain valve in no way affects the unit's type approval certificate and can be carried out by the ships crew. Price on additional valve is available on request.