

BioControl FOT

DESCRIPTION

- ü Effective against bacteria and algae in oil and contaminated water
- ü Special surface active component ensures complete coverage over large areas.
- ü Simple control and monitoring programme
- ü Easy to use liquid.

APPLICATION

BioControl FOT is used in cooling water systems and oil storage facilities, which have problems due to bacterial colonisation and/or algae in the oil/water interface. BioControl FOT is ideally suited to the sterilisation of Marine Diesel Engine Cooling Water Systems, which have bacteria and/or algae infection. Diesel cooling systems have been prone to this, due to the common occurrence of lubricating and/or fuel oil mixing with cooling water. This gives an oil/water phase ideal for bacteria to colonise rapidly. Water containing the bacteria leaks into the luboil system due to faulty glands, joints and seals or during routine maintenance. Small amounts of infested water/oil sludge in the storage and lubricatory parts of the system can quickly lead to major failure of bearing surfaces due to acidic conditions and degradation of the oils lubricating properties.

DIRECTIONS FOR USE

Sterilisation of the water system.

The system should be drained and refilled with fresh water treated with BioControl FOT at 500 – 700ml for each m³ of water. Let the BioControl FOT react for 48 hours under circulation with the separate cooling water pump or with the unloaded engine. During this operation careful attention should be made to blanked pipes and bypass loops etc. to ensure that they also receive adequate treatment. After 48 hours drain the system as quickly as possible through all outlets. Refill the system with distilled water and add NCLT to give the correct corrosion inhibition levels and add 500ml BioControl FOT to each m³. The product should not be used in potable water systems without special instructions.

Sterilisation of luboil systems.

After severe contamination, all areas should be cleaned manually to remove sludge and silt. On large engines cleaning with undiluted Uniclean GP of the casing frame followed by opening and thorough cleaning the sumps is strongly recommended.

This should be followed by flushing of the entire lubricating oil system with a flushing oil containing 500 – 700ml of BioControl FOT per m³.

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SPECIALIST PAINTS FOR INDUSTRY

Sterilisation of fuel storage tanks.

The action of bacteria in fuel during storage is widely misunderstood and its results often thought to be stratification of blended fuels due to incompatibility. If bacteria is suspected, water drawn from the fuel storage tank bottoms should be tested and the bacteria count established. If it is above 10^5 /ml there is a good chance that colonisation has taken place throughout the fuel. In such case treat with 500 – 700ml per m^3 of fuel.

These basic instructions are intended to give a reasonable guide to the actions required.

Please contact us for more details for more details and specific recommendations.

Nature of Specific Risks and Safety Advice:

In accordance with the latest EEC Council directives this product is not subject to any official recommendation.

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