

SMALL  
(100ml)



## Diesel Bug Treatment 100ml, 500ml & 1 Litre

### The Problem

The growth of micro-organisms can be extremely rapid, as the organisms multiply exponentially. Good housekeeping and maintenance of your fuel storage system will help prevent the proliferation of bacteria and fungi but they can enter the tank from the atmosphere via the vent or the filling point. Growth occurs in the water emulsified in fuel and in the water bottoms common to all diesel tanks.

### The Treatment

Marine 16 Diesel Bug Treatment is specifically designed to prevent or eradicate diesel bug contamination. It will disperse into both the fuel and water phases and will remain active in the fuel for over a year. As you use the treated fuel it will eliminate growth throughout the fuel feed system.

### Prevention

Add Marine 16 Diesel Bug Treatment at a rate of 100ml to 2000 litres of fuel. Simply pour the product into the tank filler point. Do not allow contact with skin or eyes.

### Cure

Ideally the tank should be cleaned out as much as possible prior to treatment in order to remove sludge deposits. The treatment will break down this sludge over time but several treatments may be required. Marine 16 Diesel Bug Treatment breaks down the slimes and dead organisms to small black particulates that pass through the system like any other dust.

For moderate contamination where there is evidence of stringy slime in the fuel or the filter use the product at 100ml to 500 litres of fuel. Ideally this should be added to a full tank to ensure contact with all surfaces.

For severe contamination where filter blocking or injector fouling is occurring use a shock dose of 100ml to 100 litres of fuel.

After treatment continue to use at a preventative level so that the problem does not reoccur.

Marine 16 Diesel Bug Treatment uses a biocide approved for use by Mercedes Benz AG, NATO, DAF and is used by Shell in the Netherlands to prevent/control microbiological contamination in fuels. It is also used by the RNLi and The Royal Marines.

Marine 16 products are available from your chandlery or may be ordered

LARGE BOTTLE  
(500ml)



RIVER CANAL RESCUE LTD

## Diesel Fuel Complete

Marine Diesel Engines are reliable and economical - unfortunately these benefits can soon be lost unless the fuel system is maintained. Excessive exhaust smoke, increased fuel consumption, rough running, poor cold-starting, dirty injectors and blocked filters are primarily caused by contamination inside the engine or the existence of bacteria within the diesel fuel.

With the introduction of biodiesel & ULSD things can only get worse especially with regards to Diesel Bug and Lubrication. Diesel Fuel Complete treatment - is a highly sophisticated package designed to quickly, thoroughly and safely clean all marine diesel engine fuel systems - turning carbons, fats, acids and other contaminants into a harmless liquid form, which is then burnt through the normal combustion process. It releases combustion rings, frees injectors and valves, and dissolves contaminants completely. The important benefits from using this maintenance product are:-

- ✓ Stops Diesel Bug
- ✓ Cleans injectors and filters
- ✓ Protects fuel pumps
- ✓ Contains antifouling
- ✓ Demulsifies water from fuel
- ✓ Increases cetane rating
- ✓ Gives easier starting
- ✓ Improves fuel consumption
- ✓ Reduces smoking

Diesel Bug is bacterial contamination, a build up of slime - anything from pale yellow to black - that shows up in the water separator or filter. Engine symptoms include poor starting, fuel starvation, erratic running and black smoke from the exhaust. Diesel Fuel Complete incorporates a highly effective diesel fuel preservative for the control and prevention of microbiological contamination in diesel fuel and is approved for use by Mercedes Benz AG, NATO, DAF and is used by Shell in the Netherlands.

Diesel Fuel Complete is a sophisticated blend of petrochemicals that will replace the natural performance additives removed along with the sulphur from diesel fuel during the process of creating ULSD and LSD. Diesel Fuel Complete also contains premium lubricity agents which comprehensively protect moving parts from wear.

A clean engine fuel system will run better, reduce harmful emissions and black smoke and give improved fuel consumption. Without a clean injection system the injectors will not produce the ultimate fine atomisation required for proper combustion of the fuel.

Diesel Fuel Complete raises the cetane rating of the fuel, the lower the cetane number, the longer the ignition delays that can produce diesel knock along with incomplete and wasteful burning of fuel. Fuels with high cetane numbers burn more quickly and completely, resulting in smoother-running engines with less power lag, lower emissions, easier engine starting and better fuel consumption.

Diesel Fuel Complete is available for continuous use in 100ml, 500ml and 1 Litre pack sizes. 100ml treats 100 Litres of fuel. 500ml treats 500 Litres of fuel and 1 Litre treats 1000 Litres of fuel.

Suitable for all diesel engines types and diesel fuels.