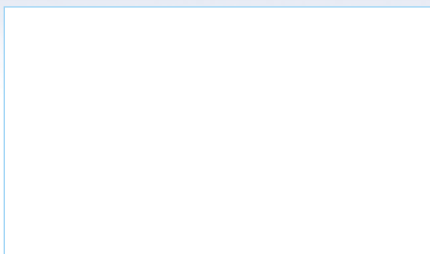


# GrotaMar 71®



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**STOPS MICROBIOLOGICAL  
CONTAMINATION AND BIOSLUDGE  
FORMATION IN DIESEL FUEL TANKS**

**PROTECTS AGAINST FILTER BLOCKAGE,  
ENGINE FAILURE, CORROSION!**



Schülke & Mayr

# Acts immediately – with long-term protection!

## JUST HALF A CUP OF WATER IN 1000 LITRES OF FUEL IS ENOUGH TO ALLOW MICROBIAL GROWTH TO DEVELOP....

...microorganisms (bacteria, yeasts and moulds) can multiply exponentially in the water and form biosludge which can spread into the fuel. Consequently: engine failure can occur as a result of filter and injector blockage and corrosion. Microorganisms can pass from the water and mix with the fuel if there is turbulence at any stage from the refinery to your vehicle tank. Warm environments and humid conditions cause water to dissolve in the fuel and this condenses out of the fuel when it cools; this provides an environment where microbes can grow. Warmth accelerates microbial growth, biocorrosion and the formation of

biosludge. **GrotaMar 71°** stops growth and biocorrosion. **GrotaMar 71°** is usually added directly to fuel but it is much more soluble in water and will concentrate into the water phase and then into any biosludge where it kills the microbes there.

Fuel water bottoms and any microbes in the fuel can be killed with a shock dose of **GrotaMar 71°**. With regular treatment, additional expensive filter changes become unnecessary.



**TESTED BY LEADING ENGINE MANUFACTURERS  
SUCH AS MAN, DAIMLER CHRYSLER, MTU.  
SUITABLE FOR ALL DIESEL ENGINES,  
PUMPS AND FUEL EQUIPMENT.**

### ▶ **DOSAGE:**

A 500 ml can will decontaminate any fuel water bottom under 500 litre of fuel and also kill any microbes in the fuel. As a preventive dose add 125 ml (1/4 can) for each 500 litres of total tank volume, every time the tank is refilled.

### ▶ **USAGE:**

Wherever possible drain all water from the tank before adding **GrotaMar 71°**. Add **GrotaMar 71°** to the tank when it is about one third full. **GrotaMar 71°** will be mixed into the system as the tank is filled up. **GrotaMar 71°** will concentrate into any remaining water and start to work immediately. The dosage depends on the total tank volume. For visible sludges in tank bottoms or any technical malfunctions such as filter blockage SHOCK DOSE. In cases of extremely severe sludge formation, the fuel system (tank, fuel lines, filters) should be cleaned before using **GrotaMar 71°**.

### ▶ **GrotaMar 71° AT A GLANCE:**

- concentrates into water in the fuel where the microbes live
- prevents sludge formation in fuel tank water and the fuel
- effective corrosion protection
- rapidly kills and controls all microbial contamination (sometimes called MBC)
- board activity spectrum against all types of microorganisms
- highly effective
- economical long term protection of tank, lines and engines
- no corrosive combustion products.

Use biocides safely. Always read the label and product information before use.  
Keep out of the reach of children.