



# Product information

## Grotamar 71®

The biggest problem is that biodiesel brings is moisture / water. Biodiesel absorbs a lot more water (up to 8 times more because biodiesel is very hygroscopic) than the EN590 diesel. Moisture in fuel is a direct source of problems.

### **How rises moisture in the fuel tank?**

Temperature fluctuations, dark rooms, long storage (eg after winter) and a poor sealing of the fuel tank ensures that moisture or condensation get a change in fuel tanks. There is always a percentage of moisture in fuel. However, diesel can absorb max up to 0.02% water. If there is more moisture in the diesel than 0.02%, it will drop down to the lowest point of your fuel.

Excess moisture reduces the lubricity of diesel fuel and will eventually lead to bacterial growth. These bacteria must be removed before they clog the fuel filter and in the most dramatic situation; your engine will not run anymore.

Biodiesel is good for the environment, but brings a lot of problems with it for storage tanks, motors, filters, pipes etc.

A product has been developed to fight against the growth of bacteria and fungi. The product is Grotamar 71®. Grotamar 71® has been proven in the world of boats and yachts.

### **Features**

- “ Protection for diesel fuel and technical products
- “ Good anti-corrosive properties and long-lasting protection against microbiological material degradation
- “ Broad and balanced spectrum of properties (including sulfate-reducing bacteria
- “ Contains no nitrate, nitrating agents or organically bound chlorine (Has no effect on the AOX value)
- “ Good solubility in diesel fuel and water
- “ Bacteria and fungus resistant properties
- “ Fast operation

### **Instructions**

- “ Cleaning of contaminated diesel 0.20-0.50 l diesel L/1000
- “ Shock doses 0.5 - 1.0 l diesel L/1000

### **Instructions for use**

Grotamar® 71 is best added to a drained tank for about one third full. When the tank is filled, the product mix. The dosage should be determined by the contents of the tank.



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In the case of heavy contamination, it is advisable to clean the tank first before Grotamar 71 ®.

## Data Analysis

Colour	Clear, colorless - yellowish liquid
Odor	As ammonia
Density (20°C)	1049 to 1069 g / ml
Refractive index (20°C),	1469-1477
Flashpoint (ISO 2719)	> 100 ° C
Viscosity (DIN 53211)	Flow time <15 sec (20 ° C)

Article number 102107  
Content 10 x 0.5 liters

Article number 102109  
Capacity 10 liters