



# CARETREAT SLUDGE

## Pre-combustion Fuel Treatment for residual heavy fuels

- Stabilizes fuel blends
- Anti clogging
- Anti corrosion

### DESCRIPTION

Caretreat Sludge is an oil soluble and self dispersing fuel oil treatment primarily formulated to combat problems in the pre-combustion stage on heavy fuels used in marine diesel engines and boiler plants.

### ADVANTAGES

- Dissolves and disperses existing sludge. Dispersants maintain the combustible constituents in suspension throughout the fuel
- Prevents polymerization and inhibits asphaltenic sludge formation and paraffin wax separation, resulting in less clogging of fuel filters and less fouling of fuel injectors
- By dispersion of sludge, Caretreat Sludge will counteract the effects of layering of incompatible fuels, thereby promoting a homogenous uniform viscosity
- Will break water/oil emulsions and promote separation of dispersed water from heavy fuel oil, thereby improving the purifier efficiency
- Corrosion in tanks and fuel lines is reduced by the corrosion inhibitors in the product
- Improved conditions in the pre-combustion stage will result in an improvement in the post combustion stage, as: a more complete combustion, less carbon formation, a decrease in deposit forming sodium and less smoke and soot

### APPLICATION

Caretreat Sludge is easy to use. The required amount is introduced into the bunker tanks simply by pumping it into the sounding pipes prior to oil bunkering or dosing in the bunker manifold. The turbulence created by the bunkering ensures complete mixing and further distribution of the treatment uniformly throughout the fuel.

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## DIRECTION FOR USE/DOSAGE

To obtain the benefits of the chemical treatment to the entire fuel oil system it is necessary to dose the product in the most appropriate ratio depending upon the nature and severity of the problem.

If Caretreat Sludge is not used regularly an initial dosage of 1:4000 should be used for breaking up and dispersing existing sludge. For counteracting the effects of incompatible fuels (stratification) a dosage as high as 1:2000 may be necessary.

## INJECTION SYSTEMS

*Marine Care* offers a complete range of fuel treatment dosing systems.

## PROPERTIES

Article number	14501
pH	Not applicable
Density	0,89 g/cm <sup>3</sup>
Flashpoint	85 °C
Physical state	Liquid

## APPROVALS

For detailed information on safety and health, please refer to the Material Safety Data Sheet MSDS and/or product label.

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