



**MARINE
CARE**

CARETREAT COMBUSTION

DISCOVER THE DIFFERENCE

Combustion improver for treatment of heavy / high, low and very low Sulphur marine fuel oil

- Better Fuel efficiency
- Clean injectors
- Less smoke
- Less soot build-up
- Less maintenance

DESCRIPTION

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

ADVANTAGES

- Increases combustion efficiency
- Reduces carbon built-up effectively in combustion zones
- Inhibits the formation of carbonaceous ash deposits in exhaust and scavenging ports
- Minimizing low temperature corrosion by effective catalysts inhibiting conversion of sulfur dioxide to sulfur trioxide
- Reduces piston ring groove and piston fouling resulting in longer life of piston rings and cylinder liners
- Reduces ash deposit formation in turbo-chargers and on exhaust valves
- Decreases smoke emissions
- Fuel conditioning components stabilizes fuel viscosity, preventing sludge formation in tanks, filters, pre-heaters
- Improves water separation in settling tanks and separators

APPLICATION

Caretreat Combustion should be dosed via a metering pump into the suction side of the fuel transfer pump. Alternatively the product can be mixed in the settling tank. To treat the fuel for the oil fired boiler, the product should be dosed by a metering pump into the burner feed line.



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DIRECTION FOR USE/DOSAGE

Dosage rates depend upon engine characteristics, operating conditions and quality of fuel oil. A CCAI number (Calculated Carbon Aromaticity Index), is an index of the ignition quality of residual fuels. Exceeding 840 indicated a poor fuel oil quality which justifies the use of a chemical fuel oil treatment to counteract the effects.

Typical dosage rates are 1:1000, 1:6000 and 1:12000. Consult your local Marine Care Service Engineer for recommendations of the dosing rate, based on specific problems and requirements onboard.

INJECTION SYSTEMS

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

PROPERTIES

pH	Not applicable
Density	0.85 g/cm ³
Flashpoint	63 °C
Physical state	Liquid

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

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