

# CARETREAT FOT LS

## Lubricity improver for Fuel Treatment of low sulfur marine fuels

### DESCRIPTION

Caretreat FOT LS is a fuel conditioner which improves the lubricity in low-sulfur diesel fuels with poor lubricity characteristics. The blend of dispersants, surfactants, detergents and lubricity improvers prevents wear of metal to metal contact surfaces in injectors and high pressure fuel pumps and prevents fuel instability.

### ADVANTAGES

- Fuel injector wear is strongly reduced
- Fuel pump plunger wear and sticking is avoided
- Carbon and fuel system deposits are prevented
- Fuel ignition quality is improved
- Visible smoke opacity and soot fouling is reduced
- Enhanced corrosion protection

### APPLICATION

Caretreat FOT LS can be added to the low sulfur bunker tank prior to bunkering fuel oil. The required amount is introduced into the bunker tanks simply by pumping it in to the sounding pipes or by metering pump into the bunker manifold. The turbulence created by the subsequent bunkering will, together with the incorporated dispersants, ensure complete mixing and further distribution of the treatment uniformly throughout the fuel.

The product can also continuously be dosed by a metering pump into the suction side of the booster pump.

- Better Fuel efficiency
- Less injector wear
- Less fuel pump wear
- Less soot
- Less maintenance

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## DIRECTION FOR USE/DOSAGE

To obtain the benefits of the chemical treatment in 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.

The dosage of Caretreat FOT LS varies depending on the fuel grade & performance targets to be met. The fuel oil should be sampled and analyzed on a regular basis to monitor its quality.

For low sulfur diesel fuel ( < 500 ppm Sulfur):

- Caretreat FOT LS should be dosed at 1:5000
- Dosage might have to be raised in case of residual fuel oil to 1:3000

Fuel oils containing more than 500 ppm Sulfur do not require treatment for lubricity improvement.

## INJECTION SYSTEMS

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

## PROPERTIES

Article number	14506
pH	Not applicable
Density	0,93 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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