

Description :

Liquid compound containing solvents, dispersant and surface active agents combined with a combustion catalyst.

Application :

FOT DUAL PURPOSE is used in both steam and motor vessels burning heavy fuel oils. FOT DUAL PURPOSE treatment disperses sludge, separates water and improves atomization and combustion.

Advantage :

- Prevents formation of sludge in tanks, filters, preheaters etc.
- Disperses existing sludge.
Separates emulsified water and helps water separation at the separator.
- Improves atomization and combustion.
Allows reduction of excess air.
- Reduces unburned particles and soot emissions.
- Limits fouling of combustion chambers, superheaters, exhaust valves, scavenge ports and turbochargers.
- Prevents high- and low temperature corrosion by raising the melting point of the vanadium compound.

Directions for use :

FOT DUAL PURPOSE is introduced as follows:

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- Manually into bunker tank prior to or during filling.
- The fuel movement on entering the tank blends the product completely.
Automatically, by means of a metering pump, into the fuel system.

The UNIMARINE METERING PUMP is recommended for this use.

Product Dosage :

- Dosage requirements depend on the quality of the fuel oil to be treated.
- Fuels with high sulfur and vanadium levels and / or high viscosity and solid particles: 1 to 2 liter for every 2000 lt. of fuel oil may be necessary.
- As a general guideline, initial dosage recommendation is 1 lt. of FOT DUAL PURPOSE for 4000 lt. of heavy fuel oil.
- Further dosage down to 1 : 4000 - 8000 may be adequate based on operating experience and results.

Nature of special risks and safety advice:

In accordance with the latest EEC Council directives this product is subjected to:

- R65 : Harmful; may cause lung-damage if swallowed.
S2 : Keep out of reach of children.
S23 : Do not breathe gas, fumes, vapor or spray.
S24/25 : Avoid contact with skin and eyes.
S62 : If swallowed do not induce vomiting; seek medical advice immediately and show the container or label.

Product Data Sheet

1/2

FOT DUAL PURPOSE

- Disperses and suspends sludge in fuel.
- Separates emulsified water.
- Increases combustion efficiency.
- Reduces ash deposits and soot emissions.
- Minimizes corrosion.

Product Characteristics :

Appearance : Brownish - black liquid
Corrosive action: Metal - none
Rubber - slight swelling

Specific gravity : 0,88 (20°C)
Flash point : > 61°C

IMO Class : 9 / III
UN Number : 3082
ADR : 9.11c

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s a f e t y

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