

FOT DUAL PURPOSE

DESCRIPTION

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

APPLICATIONS

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.

ADVANTAGES

- 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:

- 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.

No. 1.2



FOT DUAL PURPOSE

Heavy fuel oil sludge dispersant and combustion improver

- 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:	metals - none rubber - slight swelling
Specific gravity:	0,88 (20°C)
Flash point:	> 61°C

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

UNIClean

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