

FOT DUAL PURPOSE

Heavy Fuel Oil Sludge Dispersant and Combustion Improver

Technical Information

Physical Data

Appearance:	Brownish black liquid
Specific gravity:	0,88 at 20°C.
Flash Point:	More than 61°C.
Corrosion action:	Metal: None Rubber: Slight swelling

Description

A liquid compound containing solvents, dispersants, and surface-active agents combined with a combustion catalyst.

Application

For both steam and motor vessels burning heavy fuel oils, to give:

- ✓ Sludge dispersion and water separation.
- ✓ 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 unburnt particles and soot emissions.
- ▶ Limits fouling of combustion chambers, superheaters, exhaust valves, scavenge ports, turbochargers.
- ▶ Prevents high and low temperature corrosion by raising the melting point of the Vanadium compound.

Directions for Use

FOT DUAL PURPOSE is to be introduced as follows:

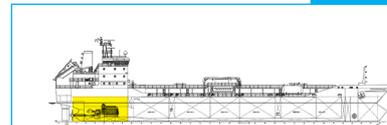
1. **Manually** into bunker tank prior to or during filling. The fuel movement on entering the tank blends the product completely.
2. **Automatically**, by means of a metering pump, into the fuel system. The Uniservice metering pump is recommended for this use.

Dosage

Requirements depend on the quality of the fuel oil to be treated.

- In cases where fuels exhibit high sulfur and vanadium content, or if they have high viscosity and solid contents, dosage quantities of 1 to 2 liters for every 2000 liters of fuel oil may be necessary.
- As a general guideline, the initial recommended dosage is 1 liter of FOT DUAL PURPOSE for every 4000 liters of heavy fuel oil. (Contd.)

USAGE AREAS



Fire Side Treatment

PACKAGING



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- Depending on operating experience and results, further dosage down to 1:800 may be adequate.

Health Safety and Environment (HSE)

Uniservice Unisafe Srl have carefully developed their products to minimize the safety risks and environmental impact of using their products. However, Uniservice advises that, prior to using its products, users should read in detail the accompanying Safety Data Sheet and ensure that its products are applied within the required HSE regulations of the country in which the user operates. Best practice and safety requirements should be followed which will likely include method statements and risk assessments, together with any specific requirements of the user's own company HSE requirements.

Important Notice

While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, this information is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you do a test to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, designs, data and information furnished by Uniservice Unisafe Srl hereunder are given gratis, and Uniservice Unisafe Srl assumes no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk. Product images are for reference purposes only.

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