

FOT

Fuel Oil Treatment Sludge Conditioner and Pre-Combustion Additive

Technical Information

Physical Data

Appearance:	Clear reddish-brown liquid
Specific gravity:	0.96 at 20°C
Flash Point:	More than 70°C.
Corrosion action:	Metal: None Rubber: Slight swelling

Description

Uniservice Unisafe FOT is an oil-soluble and self-dispersing fuel oil treatment primarily formulated to combat problems in the precombustion stage with oil used in marine diesel engines and boiler plants.

Application

- ▶ Dissolves and disperses existing sludge. Dispersants maintain the combustible constituents in suspension throughout the oil.
- ▶ Prevents polymerization and inhibits asphaltenic sludge formation and paraffin wax separation, resulting in less clogging of fuel filters and fuel injector fouling.
- ▶ By dispersion of sludge, Uniservice Unisafe FOT will counteract the effects of stratification (layering) of incompatible fuels, thereby promoting a homogeneous uniform viscosity.
- ▶ Will break water/oil emulsions and promote separation of dispersed water from heavy fuel oil, thereby improving purifier efficiency.
- ▶ Corrosion in tanks and fuel lines is reduced by an effective corrosion inhibitor incorporated.
- ▶ Improved conditions in the pre-combustion stage will result in an improvement of some post-combustion problems such as more complete combustion, less carbon formation, a decrease in deposit-forming sodium, less smoke, and soot.

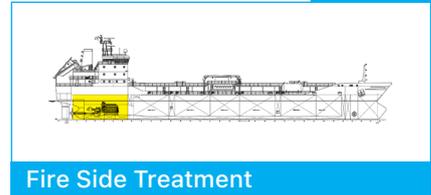
Properties

Clear liquid with a characteristic smell, containing solvents, special detergents, and dispersants. Contains no chlorinated solvents or other harmful ingredients.

Directions for Use

FOT is easy to use. The required quantity is introduced into the bunker tanks simply by pumping it through the sounding pipes prior to oil bunkering. 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.

USAGE AREAS



PACKAGING



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Dosage

To obtain the benefits of the chemical treatment for 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. If Uniservice Unisafe FOT is not used regularly, an initial dosage of 1:4000 should be used for breaking up and dispersing existing sludge. For counteracting the effects of incompatible fuels (stratification), a dosage as high as 1:2000 may be necessary.

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.

Contact

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