

F.O.T. CATALYST

1. DESCRIPTION

The latest development of a fuel oil treatment acting as a combustion improver, carbon catalyst, ash modifier and smoke suppressant for diesel engines and boilers.

2. APPLICATIONS

- Increases combustion efficiency.
- Reduces carbon build-up effectively in combustion zones.
- Inhibits the formation of carbonaceous ash deposits in exhaust and scavenging ports.
- Minimizing low temperature corrosion by effective catalysts inhibiting conversion of Sulphur Dioxide to Sulphur Trioxide.
- Reduces piston ring groove and piston fouling resulting in longer life of piston rings and cylinder liners.
- Reduces ash deposit formation in turbochargers and on exhaust valves.
- Decreases smoke emissions.
- Fuel conditioning components stabilizes fuel viscosity, preventing sludge formation in tanks, filters and preheaters.
- Improves water separation in settling tanks and separators.

3. INITIAL DOSAGE

Dosage point location varies depending on engine / boiler fuel system layout. The most efficient and economical method is obtained with a metering pump, dosing the additive into the suction side of the booster pump (for diesel engines) or into the burner feed line (for boilers). Alternatively the additive may be dosed directly to the day tank prior to refilling or directly to the bunker tanks.

Dosage rates are depending upon engine characteristics, operating conditions and quality of fuel oil. A **CCAI (Calculated Carbon Aromaticity Index)** number exceeding 840 indicates a poor fuel quality, which justifies the use of a chemical fuel oil treatment to counteract the effects. Consult your local **UNI AMERICAS** Service Engineer for recommendations of the dosage rate based on specific problems and requirements onboard.

4. OTHER INFORMATION

Dark brown liquid containing special solvents, emulsion breakers, antioxidants, anti-corrosive agents, combustion catalysts, inhibitors, dispersants and ash modifiers. It is easily soluble in all types of fuel.

FUEL OIL TREATMENT ACTING AS COMBUSTION IMPROVER, CARBON CATALYST, ASH MODIFIER, FOR DIESEL ENGINES AND BOILERS

Product Highlights

- Increases combustion efficiency.
- Reduces carbon build-up effectively in combustion zones.
- Inhibits the formation of carbonaceous ash deposits in exhaust and scavenging ports.
- Reduces ash deposit formation in turbochargers and on exhaust valves.
- Decreases smoke emissions.
- Improves water separation in settling tanks and separators.

Product Characteristics

Appearance:	Dark brown liquid
Corrosive action:	None
Specific gravity:	0.9(20°C)
Flash Point:	>63°C
pH:	7

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clean chemicals clean ships clean seas

