

FUEL OIL IMPROVER

DESCRIPTION

FUEL OIL IMPROVER acts as a combustion improver, carbon catalyst, ash modifier and smoke suppressant for diesel engines burning heavy fuel oils and boilers.

PRODUCT 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 the additive may be dosed directly to the bankers tanks.

Dosage rates depend on 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 hereof. Typical dosage rate varies between 1 to 2 lt. for every 2000 lt. of fuel oil may be necessary.

As a general guide, initial dosage recommendation is 1ltr of FUEL OIL IMPROVER for 4000 lt. of heavy fuel oil.

FUEL OIL IMPROVER

Blend of highly concentrated combustion catalysts containing organo metallic complex agents and special solvents

Increases combustion efficiency

Reduces carbon build-up in combustion zones

Inhibits formation of carbonaceous ash deposits

Minimizes low temperature corrosion by inhibiting conversion of sulfur dioxide to sulfur trioxide

Reduces piston ring groove and piston fouling resulting in longer life

Reduces ash deposit formation in turbochargers and on exhaust valves

Decreases smoke emissions

Fuel conditioning components stabilize fuel viscosity, preventing sludge formation in tanks, filters and pre-heaters

Improves water separation in settling tanks and separators

For product characteristics and for the nature of special risks and safety advice consult our Material Safety Data Sheet.