



**Vecom Marine**

*clean ships - clean seas*

## **FOT COMBUSTION CATALYST**

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.

This information is not to be taken as a warranty or representation for which we assume legal responsibility, nor as a permission, inducement or recommendation to practice any patented invention without a license. The information is offered solely for your consideration, investigation and verification.



### **DESCRIPTION**

*FOT COMBUSTION CATALYST* 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 to the bunker 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 *FOT COMBUSTION CATALYST* for 4000 lt. of heavy fuel oil. Further dosage down to 1 : 4000 - 8000 may be adequate based on operating experience and results.

For correct fuel oil treatment we suggest a fuel oil analyses. Contact the *VECOM MARINE* office for this service.

