



FOT COMBUSTION CATALYST

FOT COMBUSTION CATALYST acts as a combustion improver, carbon catalyst, ash modifier and smoke suppressant for diesel engines burning heavy fuel oils and for boilers.

FEATURES & BENEFITS



- Increases combustion efficiency
- Improves fuel atomisation
- 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 stabilise fuel viscosity, preventing sludge formation in tanks, filters and pre-heaters
- Improves water separation in settling tanks and separators
- Stabilises residual fuels and stops sludge formations
- Reduces smoke soot and carbon deposits
- Minimises low temperature corrosion by inhibiting conversion of sulphur dioxide to sulphur trioxide
- Inhibits formation of carbonaceous ash deposits
- Can be used in both engines and boilers

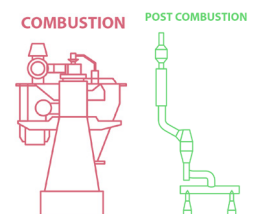
PRODUCT DOSAGE

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 rates varying between 1 to 2 l for every 2000 l of fuel oil may be necessary.

As a general guide, initial dosage recommendation is 1 l of FOT COMBUSTION CATALYST for 4500 l of heavy fuel oil, but this depends on the Micro Carbon Residue (MCR). We recommend to test the fuel and follow the below dosage chart.



For product characteristics and for the nature of special risks and safety advice consult our MSDS.
www.vecom-marine.com - sales@vecom-marine.com



MCR %	10	12	14	16	18
Dosage rate	1:4500	1:3500	1:3000	1:2500	1:2000

STANDARD PACKING

FOT COMBUSTION CATALYST is usually available in steel drums of 25 l.

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