

FC 900C

COMBUSTION IMPROVER & SOOT REDUCER FOR BOILERS AND FURNACES OPERATING WITH HEAVY FUEL OIL

DESCRIPTION

FC 900C is a mixture of new generation organometallic combustion catalysts, smoke reducers and special detergents, ideal for boilers that operate with fuel oil (Heavy Fuel Oil). As **FC 900C** is fully compatible with fuel oil, by adding the appropriate dosage, we achieve an increase in combustion efficiency, reduction of soot, unburned particles and exhaust gases, minimization of deposits, protection against low temperature corrosion (acid corrosion), and overall reduction in fuel consumption.

APPLICATION & USE

By using organometallic catalysts, we achieve optimizing the combustion reaction both kinetically (increase in speed) and quantitatively (increase in the effectiveness of combustion, with complete combustion of the fuel-air mixture) and thus improving the coefficient λ , resulting in increased efficiency of combustion and reduced formed deposits leading to better heat transfer.

The combined action of those catalysts and smoke reducers diminish soot by 2-5 degrees on the bacharah scale, reduce unburned particles by 70-85% and minimize exhaust emissions. The comprised detergents in this product, keep the spraying nozzles clean and improve the spraying effect, contributing to better combustion and increased efficiency (a larger fuel surface is available to react with oxygen). As a result of the above, the addition of **FC 900C** leads to a decrease of the specific consumption (1.2 - 2.0%) and minimize the maintenance cost of the boiler.

To achieve optimal mixing, it is recommended to add **FC 900C** to the fuel with a dosing pump and usually inserted into the discharge pump of the burner. Alternatively, it can be added to the fuel tank before refueling. The dosage of the additive ranges from 1 liter of **FC 900C** to 1000 up to 3000 liters of fuel and it depends on the quality of the fuel and the condition of the boiler.

PACKAGING

FC 900C is available in 25 ltr pails and 208 ltr drums.

- ✓ Drastically improves fuel oil combustion in boilers
- ✓ Significantly increases efficiency (reduction of specific consumption)
- ✓ Reduces soot / smoke by 2-5 degrees on the bacharah scale and minimizes emissions of unburned particles and exhaust gases
- ✓ Effectively reduces the formation of deposits, thus optimizing heat transfer.
- ✓ Reduces maintenance and cleaning cost of the boiler

PRODUCT CODE: FA112-21c