



THERMOL[®]

Multifunctional Combustion Catalyst



What is THERMOL®

THERMOL is a multifunctional combustion catalyst, developed in collaboration with Indian Institute of Technology (IIT), Mumbai.

Ingredients: Surfactants
Dispersants
Solvents
Proprietary Combustion Catalysts



THERMOL is available in 10 Ltrs., 20 Ltrs. & 200 Ltrs. packing.

Benefits of THERMOL®

- Better combustion.
- Cleaning of Injector Nozzle deposits.
- Reduction in Super heater / Economizer fouling.
- Reduction in soot deposit.
- Reduction in fuel consumption.
- Reduction in Sludge.
- Reduction in Viscosity.

THERMOL® improves the atomization forming smaller droplets leading to better combustion

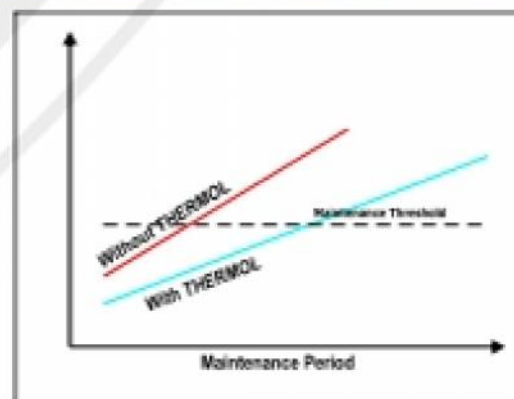


THERMOL® Reduces Fouling of Burners & Injectors.

Due to formation of deposits on burner tips and injectors, atomization of fuel oil gets adversely affected, leading to increased droplet size and fuel consumption.

The solvents and dispersants present in THERMOL remove these deposits, thus reducing the frequency of cleaning of these burners.

The solvent present in THERMOL ensure clean injector burner tip, resulting in uniform flame.



THERMOL® Reduces Sludge Formation.

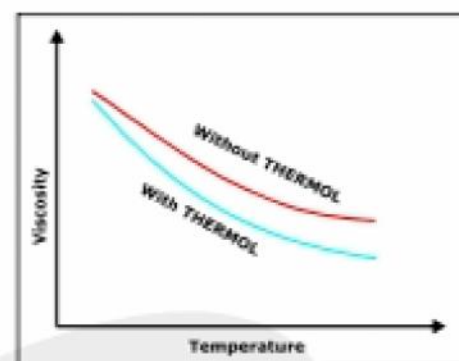
THERMOL helps in recovering the organic component of the sludge.



THERMOL® Reduces Viscosity of Fuel.

THERMOL reduces the viscosity of the fuel oil.

Combined action of Reduction in Viscosity and Surface Active Agent in THERMOL results in reduced size of fuel droplets leading to better atomization, which helps in better combustion.

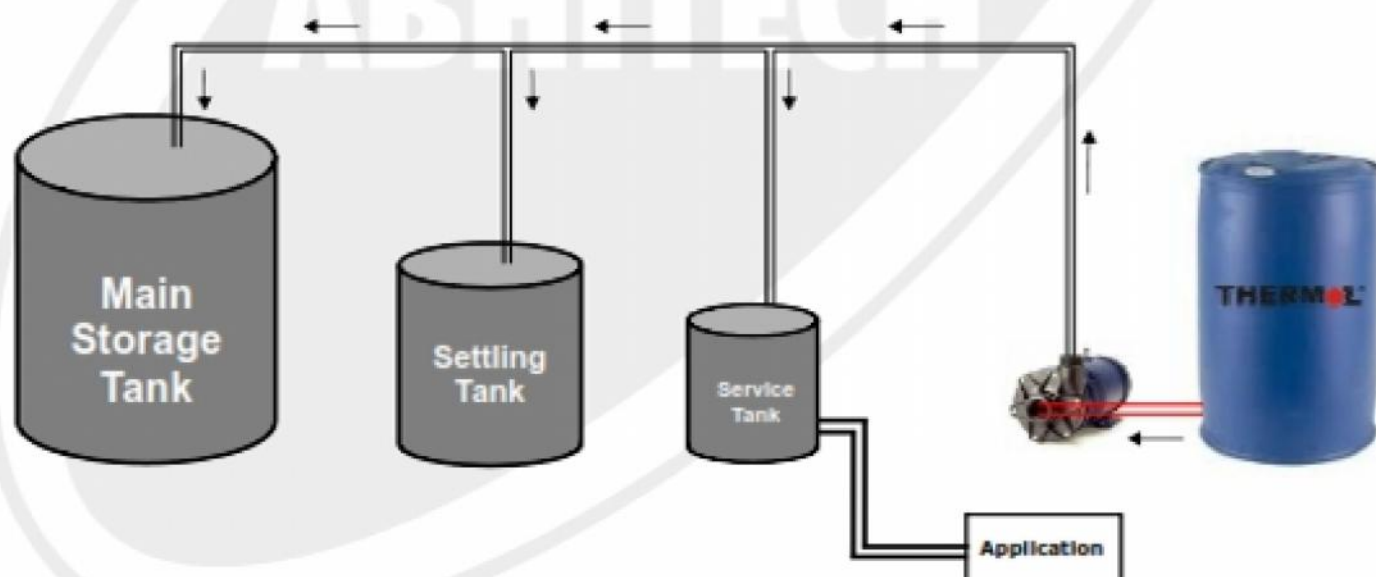


THERMOL® Reduces Soot Deposits.

The combustion catalysts present in THERMOL helps in complete combustion of fuel leading to reduction in soot & carbon deposits. This helps in better heat transfer reducing fuel consumption and lowering of stack losses.

Method of Dosing :

The recommended dosage of **THERMOL®** is 1 Ltr for 2 kL of Fuel.



THERMOL can be added in the main storage tank or in the service tank or in the day tank depending upon the convenience. THERMOL is self miscible with all liquid fuels and does not require any special mixing arrangements.

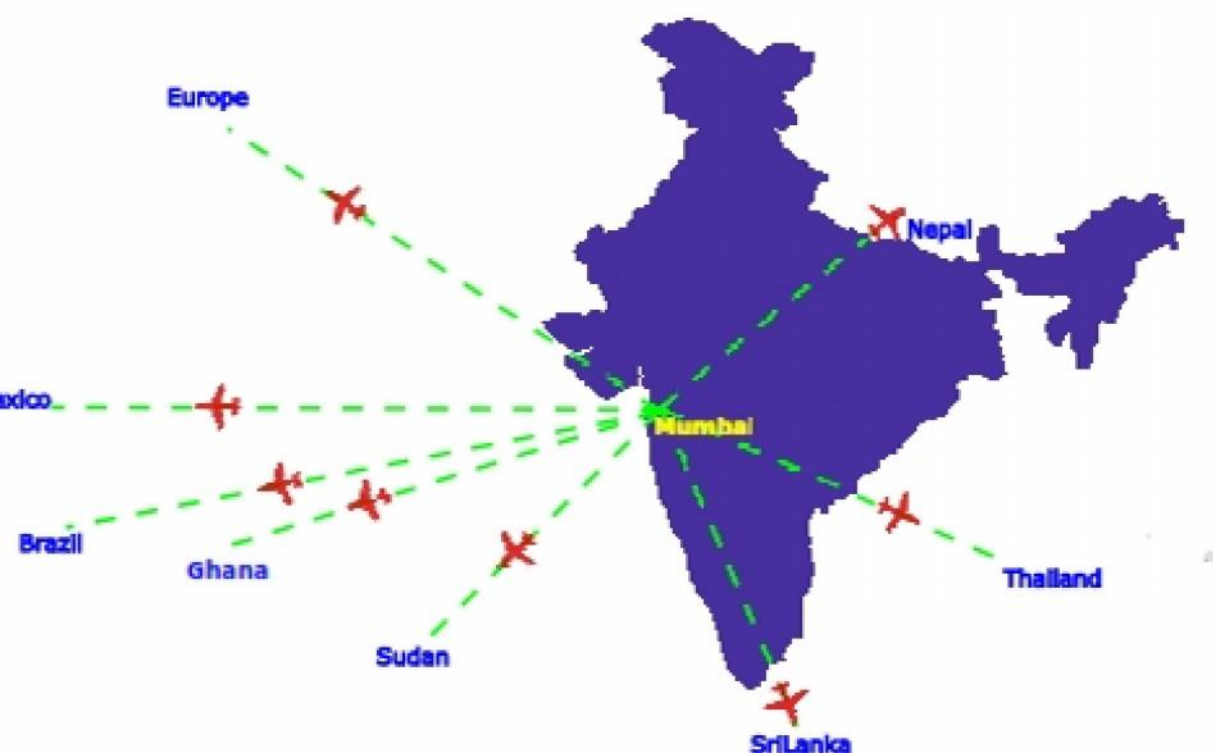
All the above actions, helps in enhancing the service interval between the maintenance, thus increasing service uptime and reducing the maintenance cost.

Applications	Advantages
Boilers	Improves steam to fuel ratio.
Furnaces	Reduces ltr/ton
DG Sets (Fuel Oil)	Improves unit generation / ltr.
Marine Fuel Applications	Reduces corrosion of fuel lines & reduction of sludge

Different Industries like refinery, thermal power plants, process industries, hotels, petrochemicals, pharmaceuticals use THERMOL for above mentioned benefits.

Thermal Power plants using coal as primary fuel use furnace oil for light up, for flame stabilization etc. THERMOL is used for reducing the viscosity and improving combustion which leads to lesser consumption of fuel oil (less no. of burners and time taken for flame stability).

Abhitech's Worldwide Presence



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