CARETREAT SOOT

Vapourising powder for the reduction of deposition and corrosion in boilers.

*Modifies soot making it less adherent.
*Reacts with sulphur, avoiding sulphuric acid formation.
*Reduces vanadium slagging.
*Enhances soot blowing.
*Reduces fire risk in uptakes.

APPLICATION

Caretreat Soot is suitable for all types of oil fired boilers.
It is injected into the combustion chamber and vaporises. The vapor mixes with the combustion gases and reacts with sulphur oxides, which remain as sulphur dioxide (SO_2) instead of sulphur trioxide (SO_3) which normally combines with water (H_2SO_4).

The modified sulphur oxides combine with vanadium compounds and prevent the formation of harmful low melting point sodium vanadyl vanadates.
Caretreat Soot greatly improves sootblowing efficiency and makes boiler cleaning an easier task.

DIRECTIONS FOR USE

Dosage
Initial dosage for dirty boilers should start at 130 gr. per m³ fuel burnt in 24 hours.
The calculated dose should be divided into 3 equal parts and dosed at 8 hour intervals. As conditions improve the dosage can be progressively reduced to a minimum of 30 gr. per m³ fuel burnt in 24 hours.

Once every 24 hours soot should be blown at least 1 hour after the last injection of Caretreat Soot.

If a boiler has never been treated and is very dirty, double the initial figures can be used for the first 2 weeks.

Injection
An air operated powder injector can be supplied by Marine Care. Its discharge tube should be put through a combustion chamber sighting orifice or a special dosing access point. If possible, the injection should be changed frequently to assist distribution throughout the boiler.

PROPERTIES

A blue, neutral powder with a sublimation point of 350°C.

Flash point	:	none
pH (1% solution)	:	approx. 7
Storage	:	keep cool and dry.

For detailed information on safety and health, please refer to Material Safety Data Sheet and / or Product label.