



MARINE CARE

CARETREAT OXYGEN SCAVENGER BS

Quick acting oxygen Scavenger for boiler feed-water of low and medium pressure steam systems

- Excellent oxygen Scavenger
- Prevents pitting
- Low product consumption
- Simple testing

DESCRIPTION

Caretreat Oxygen Scavenger BS is a liquid highly concentrated product based on Sulfite. Caretreat Oxygen Scavenger BS reacts quickly with the Dissolved Oxygen in the boiler feed water, to protect as well the feedwater system as the boiler for corrosion.

ADVANTAGE

- removes oxygen to protect the feedwater system and boiler from pitting and general corrosion
- environmentally safe, non-toxic product
- simple and accurate testing
- effective under all operating conditions

APPLICATIONS

Caretreat Oxygen Scavenger BS can be used in any type low and medium pressure boiler system. Caretreat Oxygen Scavenger BS can be used in the following Make-up water:

- evaporated water
- reversed osmosis water
- demineralized water
- softened water

DIRECTIONS FOR USE

Standard water treatment:

Caretreat Oxygen Scavenger BS has to be dosed in to the feedwater line before the suction side of the feedwater pump. We strongly recommend this is done by using a dosing pump. It is also recommended to continually dose to maintain a residual sulfite level of 30 to 50 ppm Sulfite SO_3 . Do mind that the Alkalinity level has to accurately controlled, between P-Alk. of 100 - 200 ppm as CaCO_3



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DIRECTIONS FOR USE (CONTINUED)

The Caretreat Oxygen Scavenger BS consumption is inverted proportional to the feedwater temperature. The feedwater should be as high in temperature as possible. Low temperature feedwater of 50 °C contains 5 x more dissolved oxygen as feedwater of 90 °C.

Control limits

30 - 50 ppm Sulphite SO₃.
100 - 200 ppm Sulphite SO₃ at cold lay-up

Initial dosage

Caretreat Oxygen Scavenger BS is dosed as initial dosage in **cold** feed water at a rate of 0,2 liter per ton boiler contents. In hot feedwater an amount of 0,1 liter per ton boiler contents is sufficient.

Daily dosage

Caretreat Oxygen Scavenger BS is dosed at a feed water temperature of 50 - 60 °C at a rate of 0,1 liter per ton feedwater.

DOSING SYSTEMS

Marine Care supplies a complete range of dosing systems, from manual operated systems, to custom built computer operated high tech systems, for every application.

PROPERTIES

pH	4,2
Density	1,29 g/cm ³
Flashpoint	Not applicable
Physical state	Liquid

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

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