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OXYGEN SCAVENGER PLUS 25 LTR

Product group: **655** Product number: **698712**

Comprehensive Protection for Your Boiler System



Oxygen Scavenger Plus is a catalysed, liquid oxygen scavenger designed for boiler water treatment. Based on Diethylhydroxylamine (DEHA), its volatile properties ensure thorough distribution throughout the boiler and condensate system, providing robust protection against oxygen corrosion in all parts of the system. This product also promotes the formation of a passivating layer of magnetite on metal surfaces, enhancing system longevity.

Product information

Why Choose Oxygen Scavenger Plus?

Choosing Oxygen Scavenger Plus means opting for reliable performance that ensures effective oxygen scavenging and corrosion protection. Its user-friendly nature makes it safe and easy to use, with simple testing for maintenance. By reducing corrosion and promoting passivation, it enhances system longevity, protecting and extending the life of your boiler system.

Invest in Oxygen Scavenger Plus today to ensure your boiler system operates efficiently and remains protected from oxygen corrosion.

Enhance system reliability and longevity with our advanced treatment solution.

Features

Fast-Acting and Volatile: Quickly neutralises oxygen, ensuring comprehensive protection. **Acid Neutralisation:** Neutralises acids occurring in the condensate system. **Safe and Easy to Use:** Low toxicity and user-friendly application. **Organic Composition:** Adds no dissolved solids, maintaining system purity. **Simple Testing:** Easy-to-conduct tests to determine treatment levels. **Versatile use:** Suitable for all boilers up to 31 bar pressure

Benefits

Economical: Cost-effective solution for maintaining boiler system integrity. **Corrosion Reduction:** Minimises corrosion of iron and copper, increasing system life and reliability. **Comprehensive Protection:** Safeguards all metal surfaces throughout the boiler system.

Specification

General

Invent Hazard Material (IMO/IU) classification	C-9
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Physical properties

Appearance	Light yellow
Density [g/ml]	1.0
Form	Liquid
pH	10.5

Documents

[Direct access to the Environmental Product Declaration \(EPD\) for this product](#)

[SDoC and MD for IHM](#)

Directions for use

NALFLEET™ Oxygen Scavenger Plus can be used in any boiler system, and in conjunction with mechanical deaeration systems. Removal of dissolved oxygen is vital for prevention of corrosion and especially pitting corrosion in boilers. When dosed into a boiler system, Oxygen Scavenger Plus will react with dissolved oxygen and form non corrosive compounds. The product is volatile and will evaporate and assist protection of the steam and condensate system. No solid materials are produced when using Oxygen Scavenger Plus.

Dosing method

Wilhelmsen Ships Service recommends continuously dosing into the boiler feed line using an automatic dosing unit.

Dosage and control

Dosing should be controlled so that the DEHA residual in the condensate is between 0.08-0,30 ppm. The consumption will depend on feed water temperature and the amount of water fed into the boiler. For more information about initial dosage and dose rate please consult your nearest Customer Centre.

Test Result in Condensate (ppm DEHA)		
0.00 - 0.08	0.08 - 0.30	+0.30
Increase dose by 25%	Maintain dose	Decrease dose by 25%

Sampling and testing

A representative sample of Condensate should be drawn for analysis daily. The sample should always be taken from the same sampling point, cooled and tested immediately. Follow the WSS test kit instructions and log the results in Waterproof. The results should be sent to WSS as stated in the Waterproof instructions. It is important that regular testing is carried out, to ensure the correct level of treatment is maintained.

Related products

Accessories

739490
SPECTRAPAK 315

698720
AUTOTREAT - 25 LTR

698948
DEHA CHECKIT TEST KIT

Is accessory to

777332
AQUAGUARD BW 2 PUMP DOSING SYSTEM

Is frequently bought together with

698720
AUTOTREAT - 25 LTR

571364
VAPTREAT 25LTR

638676
EVAPORATOR DEFOAMER 4X5 LTR

571356
ROCOR NB LIQUID 25 LTR

680843
COOLTREAT AL 25 LTR

777710
NALFLEET 2000 25 LTR

735977
MAR-71 BIOCIDE (BOX: 3x5 LTR)

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