

## Chemsol 9230

### BOILER WATER TREATMENT

#### PRODUCT DESCRIPTION

Genesys 9230 is a catalyzed oxygen scavenger for rapid and complete removal of oxygen from boiler water. Genesys 9230 reacts with oxygen present in the boiler water thereby reducing oxygen corrosion. It contains a catalyst to ensure rapid reaction with oxygen.

Genesys 9230 is compatible with most chemicals used in total boiler water treatment programs. It is a good metal passivator and also functions as a neutralizing agent.

#### APPLICATION AND DOSAGE

A residual concentration of Genesys 9230 is usually maintained in boiler water. The right treatment level may vary depending on operating conditions like water characteristics and boiler pressure. Usually 0.02 to 0.07 ppm residual is maintained in boiler feed water.

Genesys 9230 is readily soluble in water. It can be fed as such or diluted. Proper feeding can be achieved by introducing the product or prepared solution into the boiler with on-line dosage pumps. Solution if prepared should be made in a covered tank. Since the solution absorbs oxygen from the atmosphere, not more than one day's requirement should be prepared at a time. Genesys 9230 is best fed to the de-aerator tank or to boiler feed water pump outlet.

#### TYPICAL PROPERTIES

<b>Appearance:</b>	Pale yellow liquid
<b>Wt /ml (at 30 °C):</b>	1.01 to 1.05
<b>pH (as is):</b>	9.0 to 10.5
<b>Solubility:</b>	Completely Soluble in water

#### SAFETY AND HANDLING

- Genesys 9230 studies show it is nontoxic. Avoid contact with eyes and prolonged contact with skin. Do not take internally. In case of contact with eyes, flush with ample water and get prompt medical attention.
- Gloves and goggles should be used where appropriate.
- Genesys 9230 containers should be stored airtight under shade and away from direct sunlight.

**PLEASE READ AND UNDERSTAND THE MATERIAL SAFETY DATA SHEET (MSDS) AND LABEL BEFORE HANDLING AND USE OF THIS PRODUCT.**

#### PACKING

Genesys 9230 is packaged in 30 / 50 kg HDPE carboys.