

## PRODUCT DESCRIPTION:

AWT-41 EMINOX OXYGEN SCAVENGER is a Carbohydrazide liquid oxygen scavenger.

Can be used in boiler operating pressures up to 220 bar.

## APPLICATION:

AWT-41 EMINOX OXYGEN SCAVENGER is for use in boiler feed water and condensate systems to eliminate oxygen and maintain passive metal surfaces. AWT-41 EMINOX OXYGEN SCAVENGER reacts with the oxide film on steel surfaces in a boiler system to form a magnetite layer which gives metal protection. This 'passivation' technique is useful for pre-treatment of new boiler plant and for protection of boilers during idle and storage periods.

AWT-41 EMINOX OXYGEN SCAVENGER must be added continuously by means of a chemical dosing pump at the earliest practicable point in the feed system e.g., the deaerator storage or condenser extraction pump discharge.

## DOSAGE:

Initial dosage is 0.4 ltr/ton of water. Regular treatment will depend on the amount of dissolved oxygen in the feedwater and adjust as per Carbohydrazide test result.

Chemical	Initial dosage for untreated system	Test Results (ppm)		
		<0.06	0.06 – 0.2 Satisfactory	>0.2
AWT-41 EMINOX OXYGEN SCAVENGER	0.4 ltr/ton of water	Increase dosage by 25%	Maintain current dosage	Decrease dosage by 25%

## PHYSICAL PROPERTIES

Appearance : Clear Colourless  
 Relative Density : 1.01 – 1.10  
 Form : Liquid  
 pH : 7.5 – 9.5

**Packaging** : Supplied in 25 litres non-returnable containers.

## AWT- 41

## EMINOX OXYGEN SCAVENGER

- Health safe type of oxygen scavenger for operator handling
- In liquid form and does not contribute dissolved solids in boiler water
- Provides and maintains protective layer of magnetite on steel surfaces
- Does not require special feeding equipment for safe application



**Important information:**

Apex chemicals Safety Data Sheets are available. Safety Data Sheets contain health and safety information for proper products handling procedures to protect your employees. Our Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using.

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