

OS1257 VOLATILE OXYGEN SCAVENGER

DESCRIPTION

OS1257 contains DEHA which, when added to boiler feedwater, removes dissolved oxygen and passivates condensate lines. By acting as an oxygen scavenger, OS1257 is used to control corrosion and pitting caused by the presence of dissolved oxygen in the feedwater, boiler, and condensate system. DEHA volatilizes from the boiler water into the steam so that, as a condensate component, it reacts to passivate metal surfaces, removing the potential for corrosion.

FEATURES AND BENEFITS

- Improves boiler system reliability and longevity
- Removes corrosive oxygen from the boiler feedwater, boiler water
- Passivates condensate piping surfaces

PRODUCT FEED AND CONTROL

OS1257 must be fed continuously to the deaerating heater or feed water storage tank and may be fed neat directly from the shipping container or mixed in a chemical feed tank. The product can be mixed with most common chemicals used for treatment as long as the total concentration of all chemicals is maintained below 5% in the feed tank. However, it is recommended that any desired mix be tested in the laboratory prior to mixing in the feed tanks to assure complete compatibility. Tanks, pumps, piping and valves should be made of stainless steel, polyethylene, or PVC.

Control is by measurement of dissolved oxygen or DEHA. Control ranges can vary widely depending upon both makeup water characteristics and system operating conditions and will be specified by the technical representative servicing the facility.

PHYSICAL PROPERTIES

Physical properties of OS1257 are shown on the Material Safety Data Sheet (MSDS), a copy of which is available upon request.

STORAGE AND HANDLING

Keep in a tightly closed container. Store indoors. Recommended storage temperature is 50° F - 105° F (10° C - 40° C). Do not reuse container. Dispose of empty container in compliance with federal, state/provincial and local laws and regulations.

ENVIRONMENTAL, HEALTH, AND SAFETY

For detailed information, consult the material safety data sheet (MSDS).

PACKAGING

OS1257 is available in a wide variety of customized containers and delivery methods.