ChemREADY

The Clear Choice for Water Clarity™

BOILER DEOXY 302

STEAM BOILER OXYGEN SCAVENGER

PRODUCT APPLICATION GUIDE

BOILER DEOXY 302 is a blended liquid formulation designed as an oxygen scavenger for boiler feedwater and some closed, non-potable, recirculating water systems.

The product provides a supplemental control for dissolved oxygen by reducing oxygen entrained in the water system. Reduction of the entrained oxygen eliminates oxidation corrosion of the piping and boiler water surfaces which would occur without proper control.

BOILER DEOXY 302 provides a catalyzed oxygen scavenger for accelerated reaction in the presence of oxygen. Relatively short residence times found in feedwater tanks, feedwater lines, and in some boilers results in ineffective corrosion control with products lacking proper catalysts.

BOILER DEOXY 302, as a supplement, provides specific control of corrosion caused by dissolved oxygen, and as such will not provide for all aspects of a complete water treatment program.

BOILER DEOXY 302 is USDA approved for use in food processing applications where the steam may come in direct contact with food.

PHYSICAL CHARACTERISTICS

Appearance: Light brown liquid
Odor: Sour
pH of 1% solution: 7.0 - 7.5
Weight: 10-11 lbs./gal.
Packaging: 55 and 15 gallon drums

DOSAGE AND APPLICATION

- Dosage requirement is dependent upon the level of dissolved oxygen contained in the specific water system treated.
- Under usual conditions, with proper preheating of feedwater, a dosage of 20 liquid ounces per 1000 gallons of water will provide adequate residuals to ensure corrosion protection.
- BOILER DEOXY 302 may be mixed with any of the primary Zinkan boiler water compounds in solution for feed to the system. However, maximum benefit may be obtained through separate feed of BOILER DEOXY 302 to the deaerator or feedwater tank. A residual of 25 to 50 ppm SO3 should be maintained for best results.

HANDLING PRECAUTIONS

- BOILER DEOXY 302 is a concentrated chemical.Use proper care in handling. Wear safety glasses or goggles. Wash contacted areas with water.

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