

Steamate* PAS6071

Total boiler system corrosion inhibitor

- Unique blend of Polyamine and Neutralizing amine corrosion inhibitors
- Protects feedwater, boiler and steam condensate system surfaces against both carbonic acid and dissolved oxygen corrosion
- Provides effective coverage of the entire steam boiler system from a single feedwater injection point
- Reduces chemical inventory and simplifies treatment program monitoring & control
- Reduces total cost of ownership thru improved corrosion control

Description and Use

Steamate* PAS6071 is a blend of a multifunctional, volatile, amine corrosion inhibitor (the "Polyamine" component), and a specific blend of neutralizing amines selected for effective coverage of complex steam distribution systems.

Steamate PAS6071 protects metal surfaces from corrosion via multiple mechanisms. The volatile Polyamine corrosion inhibitor forms a barrier film on all metal surfaces. Thus, the deaerator, feedwater piping, boiler, steam piping and condensate return piping are all protected from oxygen and carbonic acid corrosion. The product also contains a blend of neutralizing amines, which can neutralize acidic contaminants and elevate the pH of the condensate into the mildly alkaline range, where the protective metal oxides are most stable and adherent.

Improved corrosion control reduces the potential for boiler tube failures by reducing the level of corrosion product ingress from the steam condensate and feedwater circuits, and the resulting metal oxide deposition on internal boiler heat transfer surfaces. It also maintains optimum fuel-to-steam efficiency by maintaining clean heat transfer surfaces, and minimizes disruptive outages and maintenance

costs associated with corrosion-related failures of steam condensate and feedwater piping, economizers, condensers and other heat exchangers, steam traps and other associated equipment.

Typical Applications

Steamate PAS6071 is designed for application to steam boilers. This technology is not approved for use where the steam contacts food products or is used for direct humidification of indoor air.

Treatment and Feeding Requirements

Proper treatment levels for Steamate PAS6071 depend on many factors particular to a given installation. Although the condensate pH is usually maintained in a non-corrosive, mildly alkaline range, the product should be used in accordance with control procedures that GE establishes for a specific application.

Physical and Chemical Properties

Physical and chemical properties are shown on the Material Safety Data Sheet, a copy of which is available on request.

Packaging Information

Steamate PAS6071 is a liquid blend supplied in a variety of consumer packages.

Storage

Store Steamate PAS6071 at moderate temperatures (45 to 100°F, 7 to 38°C) in a ventilated location and protect from freezing.

Safety Precautions

A Material Safety Data Sheet containing detailed information about this product is available on request.

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