

Nexus BC-1452

Boiler Treatment

DESCRIPTION

Nexus BC-1452 is a high pressure boiler water corrosion inhibitor designed for high-purity makeup, like those found in combined-cycle power plants and older fossil units. This unique product protects mild steel, stainless, and yellow metals from corrosion (e.g., FAC, SCC, pitting) by creating a protective film on the metal surface. The resulting protected surfaces increase availability and sustainability of water and steam cycle components.

BENEFITS

- Protection against pitting
- Can operate under AVT(O) conditions
- Cleaner startups
- Provides layup protection
- Minimal increase to CACE
- No high viscosity “gunk balls” if overfed
- Neutral pH for safe handling

PRODUCT SPECIFICATIONS

Product State	Liquid
Appearance	Clear, Colorless
Odor	None
Solubility in Water	Complete
pH	6.0 – 8.0
Specific Gravity	1.00 ± 0.01

DIRECTIONS FOR USE

Use only as described by your Apex Water + Process Technical Service Representative. Nexus BC-1452 is recommended to be fed to the condensate. Product feed rate is based on flow; residual testing is not currently available. Feed rate is somewhat flexible, which determines the rate of film application. pH treatment is independent of product feed unless product is added (not required) to amine or ammonia day tank. Then product can be controlled based on pH.

FEEDING

The product may be added neat to systems via a metering pump or other means to keep the concentration at proper levels.

STORAGE

It is recommended to keep this product stored in a sealed container with an ambient temperature of 45-95°F. Storing in these conditions will result in a 1-yr shelf life.

SAFETY

Read and understand the SDS before use of this product. Wear all personal protective equipment (PPE) as described in the SDS before use. This product is inherently caustic and its use warrants protection of eyes and skin. Make sure the location of all eyewash stations is determined before use.

PACKAGING

- 5 gal Pail
- 15 gal Drum
- 30 gal Drum
- 55 gal Drum
- 275 gal Tote