



BO-410

Boiler Scale & Corrosion inhibitor

Items	Specifications
Form	Liquid
Color	Clear colorless
PH value \leq	5-6
Specific gravity (20°) $g/cm^3 \geq$	1.10-1.20
Composition	Phosphate
Odor	Slight

General Specifications

BO-410 Boiler Water Phosphate Treatment is an online boiler internal tubes treatment compound based on polymeric dispersants for sludge conditioning, phosphates and phosphonates for scale and corrosion inhibition. It imparts excellent online cleanliness of boiler internals by preventing scale, metal ions and metal oxide deposits formation.

BO-410 helps to prevent deposition of calcium, iron and iron-oxide. It also aids in removal of existing scale from the water boiler. The optimum balances of products enable complete boiler online cleaning.

Key Features and Benefits

- Prevents scale formation
- Inhibits sludge formed due to metal ions and metal oxide deposits
- Keeps the boiler internals clean and minimizes down time for maintenance
- Prevents corrosion by buffering pH
- Compatible with other treatment chemicals
- Introduces a passive film on the boiler surface to prevent corrosion
- Completely biodegradable and organic chemicals
- Enhances heat transferability and hence saves energy and increases productivity

Application and Dosage

BO-410 is dosed at 400 to 600ppm concentration for enabling a passive coating in the boiler for corrosion inhibition. The dosage depends upon the feed water characteristic, alkalinity requirement and blow down practices. The dosage can be continuous or intermittent as a solution to the feed water line.

Packing

BO-410 is available in 60/200 kgs HDPE jars and barrels.

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