

# BWT ONE SHOT

## 1. DESCRIPTION

Liquid compound containing alkaline mineral salts, sequestering agents, scale and corrosion inhibitors and sludge conditioners.

## 2. APPLICATIONS

Suitable for use with all auxiliary boilers: waste heat units, economizers, package boilers, low-pressure water tube boilers, smoke tube boilers and steam generators to:

- Control Scale Formation.
- Inhibit corrosion.
- Condition sludge / sediment particles to render non-adhering and to enable effective removal by routine blow down.

## 3. DIRECTIONS FOR USE

Determine the quantity of **BWT ONE SHOT** for treating the boiler by obtaining a representative sample of the boiler water and performing the appropriate analysis.

The product should be added to the feed water by a dosage line or directly into a feed tank.

Blow down and scumming operations must proceed at regular intervals to remove sludge / sediment particles.

## 4. OTHER INFORMATION

Versatile single product treatment applied as a complete boiler conditioning system.

Dissolved hardness salts of calcium and magnesium contained in feed water tend to precipitate due to the effects of heat forming scale compounds that impair heat transfer. **BWT ONE SHOT** provides a phosphate reserve to effectively neutralize hardness salts, which may be introduced with the feed water.

The balanced alkalinity supplied by **BWT ONE SHOT** assures:

- The correct environment for the precipitation of hardness salts.
- The proper conditions to maintain silica in solution.
- The suitable level of alkalinity to prevent corrosion.

A protective iron oxide layer is formed under correct alkaline conditions to protect boiler steel surfaces contacting with the boiler water to prevent corrosion.

**BWT ONE SHOT** further inhibits corrosion due to traces of free oxygen in feed water.

## COMPLETE BOILER WATER CONDITIONER AND TREATMENT

### Product Highlights

- Versatile single product treatment.
- Control Scale Formation.
- Inhibits corrosion.
- Condition sludge / sediment particles to render non-adhering and to enable effective removal by routine blow down.

### Product Characteristics

Appearance:	Clear liquid
Corrosive action:	Caustic
Specific gravity:	1.2
Flash Point:	None
pH:	13

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