

PIK KEMICAL

Chemical Technologies

F/1

BWT

COMPLETE TREATMENT FOR LOW PRESSURE BOILERS (MAX 20 BAR)

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DESCRIPTION

Liquid compound of alkaline mineral salts, scavenging agents and corrosion inhibitors.

APPLICATIONS

Suitable to use for donkey boilers, heating systems, multiple water tubes and monotubular boilers, at low or medium pressure with low hardness level or distilled feed water.

Contains a corrosion inhibiting agent.

BWT reacts with water mineral salts not allowing them to adhere, allowing removal through blowdown.

BWT may be introduced continuously through a metering pump in the boilers feed water or directly in the hot well (see bulletin U/4).

Regular blowdown from the bottom and surface should remove sediments and sludge.

ADVANTAGES

This product is very flexible for a complete boiler treatment.

Balanced alkalinity supplied by BWT assures:

- Enables hardness salt precipitation.
- Appropriate conditions to maintain silicon dioxide in suspension.
- Correct alkaline level to prevent corrosion.

Furthermore BWT ONE inhibits corrosion due to free oxygen in feed water.

INSTRUCTIONS

The star up quantity for a first treatment is 1 liter of BWT for each ton of water in the system.

The next quantity of BWT depends on the P alkalinity level and is given in the tables (see below). The best level is marked by the black circle and in any case must be between 100 and 150 ppm.

P alkalinity ppm CaCO ₃	BWT Lt/tonn
0	1
50	0.5
100	0.15
150	0
200	0
250	Blowdown

The boilers pH level should be kept between 10.5 and 11 (for water analysis see bulletins T/2 and T/3).

PRECAUTIONS

Alkaline product: do not swallow or breath, avoid contact with the eyes and skin. Rubber gloves and protective glasses are recommended. In case the product is in contact with skin or eyes, rinse thoroughly with fresh running water for at least 20 min. and seek medical assistance.

PACKAGING

Non returnable
- Plastic pails 25 liters