

BWT ONE SHOT

BWT ONE SHOT IS A LIQUID COMPOUND. IT CONTAINS A COMBINATION OF ALKALINE MINERAL SALTS, SEQUESTERING AGENTS, SLUDGE CONDITIONERS, SCALE AND CORROSION INHIBITORS

FEATURES & BENEFITS:

- Specially formulated liquid treatment for low-pressure boilers
- Prevents scale formation
- Controls and maintains pH hardness
- Easy to use & easy to dose

APPLICATIONS:

BWT ONE SHOT is suitable for use with all auxiliary boilers including waste heat and exhaust gas boilers. BWT ONE SHOT prevents scale formation.

DIRECTIONS FOR USE:

For optimum results, BWT ONE SHOT should be dosed directly into the boiler via a by-pass pot feeder installed in the boiler feed line. For low-pressure boilers without by-pass feeder, the product may be dosed into the hot well. But we do not advise this as a long-term solution. Regular blowdown is necessary to remove sludge and solids.

To treat the boiler correctly, five elements are needed:

1. Alkaline controller and corrosion inhibitor — ALKALINITY CONTROL
2. Scale suppression and prevention — HARDNESS CONTROL
3. Particle removal — LIQUID COAGULANT
4. Oxygen scavenging
5. Condensate conditioning or neutralising — CONDENSATE TREATMENT

BOILER TREAT ONE SHOT has two elements of treatment:

1. Alkaline controller and corrosion inhibitor
2. Scale suppression and prevention

For good boiler water treatment, we strongly advise using OXYGEN SCAVENGER and CONDENSATE TREATMENT, or CONDENSATE CONTROL, for neutralising acids in the condensate system.

INITIAL DOSAGE:

Initial dose for untreated system is 1 L of BWT ONE SHOT per 1000 L of water. Maintenance dosages are determined by the result of P-alkalinity. Analysis is carried out using SHERAN CHEMICALS boiler water test kits.

NOTE: The phosphate and alkalinity values if analysed, may not necessarily correspond to the control levels. In cases of poor-quality feedwater used, increased dosages may be required. If the P-alkalinity is persistently low, use ALKALINITY CONTROL to adjust. The pH of the boiler water should be kept between 9.5-11.

The boiler water parameters should be as per the boiler operating manual.
Our recommendations are:

P-alkalinity: 100-200 ppm CaCO₃ (ideal level P-alkalinity is 150 ppm)
M-alkalinity: Below two times P-alkalinity
Boiler chloride: Max. 90 ppm
Boiler pH: 9.5-11.0
Condensate pH: 8-10
Oxygen scavenger: 0.8-1.5

DOSAGE CHART:

P-alkalinity (ppm CaCO ₃)	Boiler Treat One Shot (l per ton)	
	Action	Dose
0	Increase	1.0
50	Increase	0.6
100	Increase	0.3
150	Satisfactory	0
200	Blowdown	0
225	Blowdown	0
250	Blowdown	0
300	Blowdown	0
350	Blowdown	0
400	Blowdown	0

STANDARD PACKING:

BWT ONE SHOT is usually available in plastic cans of 25 L.