



B.W.T. L ***BOILER WATER TREATMENT***

Description:

B.W.T. L is a highly effective liquid deposit and corrosion inhibitor for treating steam generating systems.

Features:

B.W.T. L is a liquid combination of antiscalant, sequestrants, organics and oxygen scavengers and metal passivators.

The deposit control components in **B.W.T. L** are organophosphorus compounds and anionic polymeric dispersants. These polymers will inhibit the formation of hardness-based scale crystals and disperse the resulting aborted scale fragments in the boiler water.

Iron in the boiler water and feedwater circuit is kept in the soluble ferrous form by an effective iron reducing agent. This action allows the specific iron sequestrants in **B.W.T. L** to complex iron and remove it via blowdown. The combination of iron reducing agents and sequestrants prevent iron from forming insulating deposits.

B.W.T. L does not contain any phosphate or poly-phosphate, so the sludge produced in the boiler is minimal.

Physical characteristics:

Appearance:	Hazy brown liquid.
Odor:	None
Solubility in water:	Complete
Flash point:	None
pH:	>10

Feeding:

The preferred feedpoint for **B.W.T. L** is to the feedwater line, neat or as a diluted solution, downstream of the feedwater pump, through stainless steel piping and injection quill.

The dosage is dependent upon feedwater analysis as well as boiler operating conditions. In most cases a dosage of approximately 50-100 ppm of **B.W.T. L** is adequate.

For desalinated, de-ionized, de-mineralized or softened water 50ppm are enough.

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For hard water or utilities water the chart below should be followed:

	Hardness ppm	Dosage B.W.T. L
Less than	64	50
	68	63
	73	84
	77	110
	80	143
	85	182
	90	231
	93	288
	98	357
	100	437
More than	105	530

*Maintain the product at the above limits. Testing is done with a special test kit, which our company offers its customers.

Handling precautions:

Avoid contact with skin and eyes. Wear suitable protective equipment (refer to MSDS for further information).

Packaging:

B.W.T. L is packaged 27, 32-liter pails and in 210-liter drums.