

HYDRO 5150

BOILER SCALE CONTROL

General Description

Properties

Appearance	Dark brown alkaline liquid.
Specific gravity	1,05 – 1.15 at 20° C
pH	> 12.0

Principles uses

To prevent scale and corrosion in low to medium pressure boiler installations.

Features

minimizes pitting and corrosion
 excellent scale inhibition
 keeps heat transfer surfaces clean
 economical to use at low rates .
 has no risk of caustic embrittlement

Hydro 5150 should be dosed continuously by means of a proportional pump or should be added to the feed water tank. a hot well or introduced through the suction side of the feed water pump. But on no account to large water tanks. The dosage rates depend upon steam production under temperature of the feed water. Each part per million of dissolved oxygen in the feed water will require 10 parts per million of **Hydro 5150**.

The following example may be taken as a guide:
 A 20 H.P. boiler operating 10 hours a day with a feed water temperature of 180°F (80°C) would require a proportional increase in dosage.

Hydrazine level should me maintained within the range of 10-30 ppm to prevent boiler corrosion alkalinity and chloride level should be monitored to control blowdown to the correct level.

Handling and safety

Hydro 5150 is moderately alkaline in its concentration form. And proper care should be taken whilst handling and adding the product to the systems.

If solution are splashed on skin, Rinse immediately with plenty of water.

If eyes are splashed, Rinse with copious amounts of water, and obtain medical attention.

Keep out of reach of children.

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