



*World class Water Treatment Capabilities for industries*

## Product Bulletin

### Product name

**ROJEN B-2032**

### Group

Chemicals

### Application

Boiler Water System

### Primary Function

Deposit inhibitor

## 1.0- Introduction

ROJEN B-2032 deposit inhibitor is a highly effective, easy to feed and control, liquid treatment for boiler water treatment. A polymer-based program, ROJEN B-2032 deposit inhibitor advances this technology by combining new, innovative polymers with proven deposit inhibitors. Synthetic polymers prevent suspended solids of any kind from adhering to internal boiler surfaces and will gradually remove existing deposits. The chelant program that inhibits the formation of hardness-based scale fragment in the boiler water. This polymeric action is enhanced by sequestering agents, which also complex deposit-foaming cations in the feedwater and provide on stream cleaning. The modified natural organics in ROJEN B-2032 deposit inhibitor are adsorbed by suspended solids, oil, and silica compounds in the boiler water. Through this action, the agglomeration of these contaminants is minimized and they are easily removed by blowdown. The liquid combination in the ROJEN B-2032 deposit inhibitor, make a unique and effective treatment program.

## 2.0- Typical Properties

Appearance:	Dark brown liquid
Specific gravity:	1.2-1.4
pH	min 7
Freeze point	-2°C
Flash point	Not applicable

## 3.0- Handling & Safety

Rojen Chemicals maintain a database of material safety data sheets (MSDS) on all our products. These contain health & safety information to assist in the safe and appropriate chemical handling, ensuring the protection of personnel

## 4.0- Packaging

Available in 30 kg pails.

## 5.0- Primary Application

ROJEN B-2032 deposit inhibitor may be fed directly from the drum or mixed with other treatment chemicals. The preferred points of feed are to the steam drum through the chemical feedline, or to the preboiler systems, especially if preboiler deposits have been a problem.

## 6.0- Feeding & Control

A Chelant residual test is required for dosage regulation and adjustment. The dosage of ROJEN B-2032 deposit inhibitor is adjusted to maintain an excess of 75 - 125 ppm of chelant in the boiler water.