

# Stop Scale Boiler Treatment



## FEATURES

- Prevents scale and sludge
- Minimizes fuel consumption
- Controls corrosion
- Maximizes equipment life
- Easy to test
- No mixing required

## DESCRIPTION

Stop Scale is a combination of powerful scale and corrosion inhibitors in conjunction with an oxygen scavenger to provide a complete steam boiler program. This unique combination of phosphate and polymer-based inhibitors prevents scale and promotes the formation of light, fluffy sludge that can be easily removed from the boiler system through regular bottom blow down.

Stop Scale prevents energy-robbing scale and reduces sludge, allowing for efficient fuel usage to minimize your energy costs. The oxygen scavenger in Stop Scale controls damaging oxygen corrosion common in steam boiler systems. The Stop Scale corrosion control program protects your steam system investment and maximizes the life of your equipment.

Stop Scale meets the requirements for use in Federally inspected meat, poultry processing, shell egg grading and egg products plants where treated water or steam may contact edible products.

Stop Scale uses an easy-to-test-for product tracer that allows for quick and simple product level determination.



# STOP SCALE BOILER TREATMENT

## Technical Data:

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Appearance	Clear, pale yellow
Specific Gravity	1.064 - 1.076
pH	<12.5

## Product Testing and Control:

Product Indicator Test Range	60-80 ppm
Sulfite Test Range	30 - 60 ppm
Boiler Water TDS	3500 ppm Max
Hydroxide Alkalinity	>200 ppm as OH
P-Alkalinity	300-600 ppm
Total Alkalinity	700-ppm max

## Directions For Use:

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### Directions For Use:

Use sufficient Stop Scale to achieve a State product indicator test level between 60 - 80 ppm, and a sulfite test level of 30 - 60 ppm. For typical applications, the required feed of Stop Scale is two quarts of product for every 250 gallons of fresh make-up water added to the boiler. Product should be added to the feed water tank for best results. No product mixing or dilution is needed, however, a day tank dilution system can be used if desired. If the above tests are out of range on the low end, increase product usage.

Perform bottom blow down at specified periods to remove solids accumulations. System TDS levels are determined by the quality of the fresh make-up water available. Generally, TDS levels should be maintained below 3500 ppm. Your State Chemical representative will review the water conditions for the boiler system and recommend a TDS limit for your system.

Stop Scale should be added with a pump and controller similar to the State Chemical boiler controller. For systems with high condensate return and low fresh water make-up requirements, a pump and timer system such as the State Chemical DR-2000 can be used.

For best results, it is recommended that the make-up water to the boiler system be softened.

### Return Line Corrosion:

Use Clean Line BWT to control corrosion in condensate return lines and receiver tanks. Follow label directions and maintain condensate pH between 7.5 and 8.0. Clean Line BWT cannot be used where steam contacts milk or milk products.

Please review label and SDS for all product directions, precautions, and first aid information.

## PACKAGING

20990	Drum 55
20992	Drum 20
125593	1 GL Container/CS4



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