

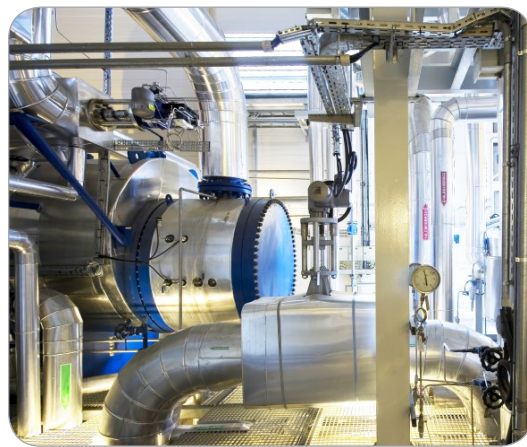
# TITAN360™ Provides Phosphate-free Boiler Treatment

## Background

A silicone manufacturing plant in York, South Carolina was looking for a phosphate-free alternative treatment for its three 150 PSIG boilers, operating at 30 cycles. In addition, the previous treatment program, which utilized two products containing a mixture of phosphate, bisulfite, and polymer, was not protecting the entire system efficiently. Specifically, the condensate lines were beginning to experience corrosion and the system's pH was difficult to control.

## Solution

Given the challenge of finding an economical phosphate-free boiler treatment, this system was a perfect candidate for TITAN360™. In addition, TITAN360™, with its superior filming amine, was expected to provide corrosion protection to the system during times of shut down.



## Results

After the switch to TITAN360™, corrosion in the condensate lines has significantly decreased and inspection of the boiler revealed great results. Treating the system has been simplified, Not only has TITAN360™ kept the pH very consistent, but the chemical usage has also decreased significantly and only one pump is needed to treat all three boilers. In addition, its phosphate-free formula does not add phosphate to the wastewater effluent.

## Summary

This manufacturing plant is pleased with the performance and convenience that TITAN360™ offers. Maintaining the program is simple, effective, and safe. With a new boiler coming online, this plant has already planned to treat that system with TITAN360™ as well.