



# CASE STUDY

## Reducing Maintenance Burden & System Risk in a Closed Loop Chilled Water System

### Problem Identified

Henniges Automotive was faced with the following familiar water quality challenges in their closed loop chilled water system:

- Chronic Corrosion
- Sludge Buildup
- Frequent Equipment Clogging
- High Dissolved Oxygen Levels



These issues were accelerating equipment degradation, clogging thermal control units, and forcing the maintenance team into a cycle of weekly system flushing and constant emergency intervention, even with chemical treatment and water softening.

### Solution & Results

To stabilize system performance and reduce maintenance risk, Henniges installed an **EasyWater Series C Closed Loop Treatment System** on their most problematic loop.

Within three weeks of installation:

- Dissolved Oxygen Levels Dropped to Nearly Zero
- System Flushing Was Eliminated
- Thermal Control Unit Clogging Stopped Entirely
- The Loop Remained Stable Without Chemical Intervention



BEFORE EASYWATER  
SERIES C: Clogged  
Prefilter for Thermal  
Control Unit (Interior  
View)



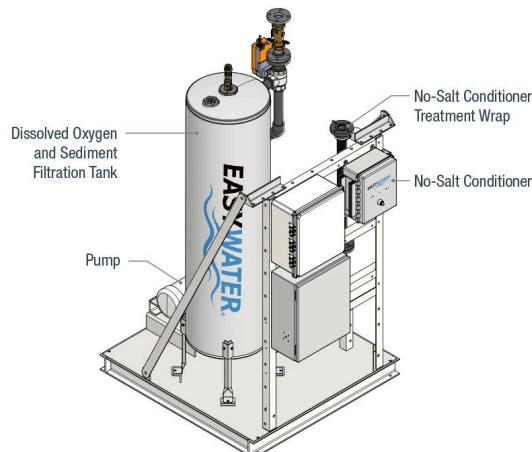
1 MONTH AFTER  
EASYWATER SERIES C:  
Clean Prefilter for  
Thermal Control Unit



BEFORE EASYWATER  
SERIES C: Clogged  
Prefilter for Thermal  
Control Unit (Exterior  
View)



1 MONTH AFTER  
EASYWATER SERIES C:  
Clean Prefilter for  
Thermal Control Unit



## EasyWater Series C Closed Loop Treatment

### THE 3 MAJOR PROBLEMS IN CLOSED LOOPS:

- Corrosion caused by dissolved oxygen
- Sediment and sub-micron metal particles in the water
- Insulating high iron content, limescale, and biofilm deposits

[EasyWater Series C Closed Loop Treatment System](#) provides a cost effective, low-maintenance, non-chemical treatment for controlling corrosion and scaling.

### PROGRESS SINCE REDUCING CHEMICAL USAGE



Focus on Higher Value Work  
Instead of Constant Maintenance



Improved System Reliability



Extended Equipment Life



Lower Operational Risk

All this was possible by  
replacing chemical-heavy  
treatment programs with  
proven, physics-based  
solutions.

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Full Article From EasyWater –  
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Interested in reducing maintenance labor, stabilizing water quality, and lowering lifecycle risk in your closed loop systems?

**Water Solutions Group** offers engineer-led evaluations and Easy Water solutions tailored for industrial and institutional facilities.



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