



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



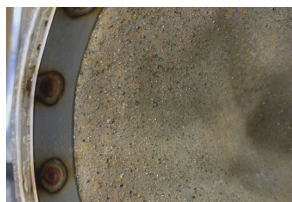
These issues were accelerating equipment degradation, clogging thermal control units, and forcing the maintenance team into a cycle of weekly system flushing and constant emergency intervention, even with chemical treatment and water softening.

Solution & Results

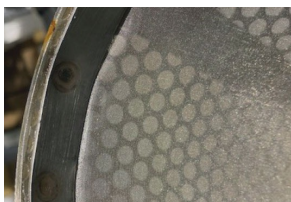
To stabilize system performance and reduce maintenance risk, Henniges installed an **EasyWater Series C Closed Loop Treatment System** on their most problematic loop.

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)**



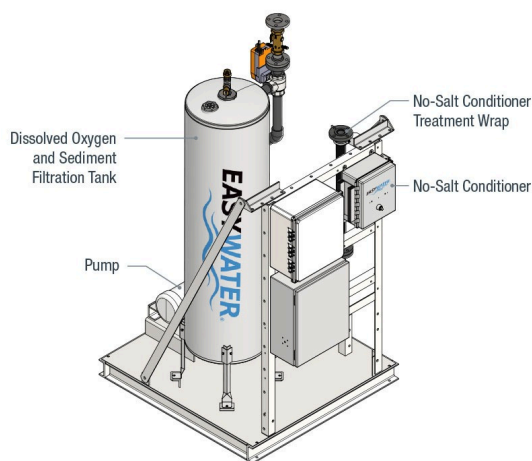
**1 MONTH AFTER
EASYWATER SERIES C:
Clean Prefilter for
Thermal Control Unit**



**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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A Watts Brand

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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