

<b>Client:</b> <i>Petrochemical Plant</i>	<b>Industry:</b> <i>Petrochemical</i>
<b>Scope:</b> <i>Cooling Water Tank Refurbishment</i>	<b>Date:</b> <i>February 2016</i>
<b>Location:</b> <i>UK</i>	<b>Product:</b> <i>Epo-chem™ RW 500</i>

## Overview

A cooling water tank was badly corroded with many areas of heavy pitting present after the original conventional paint system had failed. This project was completed by Corroless Eastern.

## Challenge

Due to H&S concerns of applying in a confined space, the use of conventional paint systems were not permissible; therefore a **solvent-free** system had to be selected. The client was also looking for a system which could provide long-term maintenance-free protection.

## Solution

Once the existing coating had been removed, the tank was fresh water washed to reduce the soluble salt levels. The tank was then grit blasted to Sa 2½ before two coats of **solvent-free**, glassflake Novolac epoxy **Epo-chem™ RW 500** were applied.

## Outcome

The project was completed on time, with no delays and no disruption to other trades working nearby. By utilising **Chemco's solvent-free** solution, the H&S concerns were significantly reduced; ensuring a safe working environment for everyone within the vicinity.

## Benefits

- Solvent-free
- Significantly reduced H&S and Fire Hazard
- No disruption to other works
- Ideal for application in confined space
- Exceptional abrasion and erosion resistance
- No overcoating limitations
- Excellent high temperature and chemical resistance
- Long-term **maintenance-free** protection

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### Photographs:

- Nos. 1-2 Completed application

\* This project was carried out by Chemco's Approved contractor, [Corroless Eastern](#)

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