

# BELZONA CHILLER

ID: 173

**Industry:** Heating, Ventilation & Air Conditioning  
**Application:** HEX-Heat Exchangers  
**Substrate:** Steel  
**Products:** \* Belzona® 1121 (Super XL Metal) ,  
\* Belzona® 1341 (Supermetalglide) ,

**Customer Location:** Automotive Plant in Ohio, U.S.A.  
**Application Date:** November 1996

## Problem

*Corrosion problems were beginning on the tube sheet and end covers.*



## Photograph Descriptions

- \* Divider plate removed exposing corrosion on the tube sheet and water box. ,
- \* Belzona® 1121 (Super XL Metal) was applied to repair perimeter of cover plate. ,
- \* First coat of Belzona® 1341 (Supermetalglide) on tube sheet face in progress. ,
- \* Completed chiller condenser. ,

## Application Situation

York chiller condenser

## Application Method

The application was carried out in accordance with Belzona Know-How Leaflets HEX-1, HEX-2, and HEX-3.

## Belzona Facts

Rebuilding the covers prevented the seal area from leaking. A total of five chillers have been successfully coated with Belzona, and the contractor, Scherer, will be coating six more chillers to extend the life of the tube sheets and end covers.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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