

BELZONA REPAIRS OIL COOLERS

ID: 4749

Industry: Steel & Metal Processing

Application: HEX-Heat Exchangers

Substrate: Brass, copper and gray iron.

Products: * Belzona 1311 (Ceramic R Metal) ,

* Belzona 1391 (Ceramic HT) ,

Customer Location: Ferronickel plant, Macedonia

Application Date: August 2012

Problem

Heat exchangers were suffering from electrochemical corrosion. Gaps occurred between tube sheet and tubes and cooling water and oil started to mix.



Photograph Descriptions

- * Heat exchanger ready for grit blasting ,
- * The condition of end cover after blasting ,
- * End cover repaired with Belzona 1311 and protected with Belzona 1391 ,
- * Tube sheet repaired and protected ,

Application Situation

Four Heat exchangers for cooling mill oil.

Application Method

Application was carried out in accordance with Belzona Know-How System leaflets HEX-1 and HEX-3.

Belzona Facts

The customer first tried to weld the tubesheets, but was not successful. After completing repairs with Belzona the customer was very satisfied and this year a further cooler has been repaired.

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

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