

BELZONA REPAIR TO OIL COOLER

ID: 366

Industry: Power
Application: HEX-Heat Exchangers
Substrate: Copper Alloy
Products: * Belzona® 1111 (Super Metal) ,
* Belzona® 1321 (Ceramic S-Metal) ,

Customer Location: Power Station in Sri Lanka
Application Date: January 2001

Problem

The unit was severely damaged and leaking as a result of bimetallic corrosion.



Photograph Descriptions

- * Corroded unit with holes clearly visible - Belzona® 1111 being used to repair holed and corroded areas ,
- * Belzona® 1321 being applied to protect unit ,
- * Completed application being pressure tested ,

Application Situation

Thrust bearing oil cooler from turbine

Application Method

Application was carried out using techniques adapted from Belzona System Leaflets HEX-3 & HEX-9. Holed and corroded areas were rebuilt using Belzona® 1111 incorporating Belzona® 9341 (Reinforcement Tape).

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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BELZONA®
Repair • Protect • Improve

Belzona Facts

Unit was pressure tested before being returned to service and has regularly been inspected since and remains in perfect condition. Belzona repair was carried out at a fraction the cost of a replacement unit.

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