

## BELZONA REPAIR TO OIL COOLER

### CUSTOMER

Power Station in Sri Lanka

### APPLICATION DATE

January 2001

### APPLICATION SITUATION

Thrust bearing oil cooler from turbine

### PROBLEM

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

### PRODUCTS

Belzona® 1111 (Super Metal)

Belzona® 1321 (Ceramic S-Metal)

### SUBSTRATE

Copper Alloy

### APPLICATION METHOD

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

### 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.

### PICTURES

1. Corroded unit with holes clearly visible
2. Belzona® 1111 being used to repair holed and corroded areas
3. Belzona® 1321 being applied to protect unit
4. Completed application being pressure tested



1.



2.



3.



4.

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



ISO 9001:2008  
Q 09335  
ISO 14001:2004  
EMS 509612

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