

In-Situ Fan Shaft Rebuild

ID: 9838

Industry: *Not Specified*

Customer Location: *Midwest, USA*

Application: *MPT-Mechanical Power Transmission*

Application Date: *August 1997*

Substrate: *Carbon steel*

Products: *Belzona 1311 (Ceramic R-Metal), Belzona 1321 (Ceramic S-Metal), Belzona 9111 (Cleaner Degreaser)*

Problem

Pitting corrosion was causing balance issues. A new part was months from being procured.



Severe Pitting Corrosion



Belzona 1311 being applied to rebuild damaged areas



Belzona 1321 brush applied

Application Situation

The Belzona solution offered a quicker turnaround time.

Application Method

Area was grit blasted and degreased. Then Belzona 1311 was applied to the damaged areas followed by two coats of Belzona 1321.

Belzona Facts

Using Belzona helped this facility save on the long lead time for a new fan shaft. It also stopped any further damage to the equipment due to imbalance.

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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