

# In-Situ Fan Shaft Rebuild

ID: 9838

Industry: *Not Specified*

Application: *MPT-Mechanical Power Transmission*

Customer Location: *Midwest, USA*

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

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manufactured under an ISO  
9000 Registered Quality  
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