

# Belzona® 1321 Injects New life into Old Shaft

ID: 511

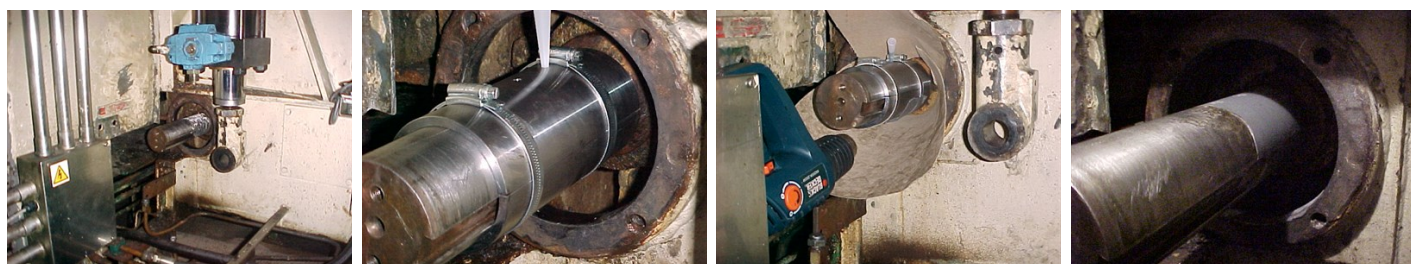
Industry: *General Industry*  
Application: *MPT-Mechanical Power Transmission*

Customer Location: *Brewery in Lancashire UK*  
Application Date: *September 2003*

Substrate: *Mild Steel*  
Products: *\* Belzona® 1321 (Ceramic S-Metal) ,*

## Problem

*A collapsed bearing had caused excessive wear to the shaft necessitating either a full repair or replacement.*



## Photograph Descriptions

- \* The shaft location showing restricted access ,
- \* The former in place with nozzle for venting ,
- \* Post curing the repair to reduce downtime ,
- \* The finished shaft ,

## Application Situation

3" diameter shaft on the canning line of a local brewery

## Application Method

Application carried out in accordance with Belzona Know-How System Leaflet MPT-2.

## Belzona Facts

Replacement of the shaft was considered the only alternative - the problem being it was costly and time consuming, around £20,000 (\$40,000) for a new shaft and five days of downtime. The Belzona solution was carried out in under one shift period thanks to the ability of Belzona to be post-cured and is still working today.

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.

[www.belzona.com](http://www.belzona.com)

  
**BELZONA**  
Repair • Protect • Improve