

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

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