

BELZONA 1321 INJECTS NEW LIFE INTO OLD SHAFT

ID: 511



PROBLEM

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

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.

INDUSTRY

General Industry

LOCATION

Brewery in Lancashire UK

APPLICATION DATE

September 2003

PRODUCTS

Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Mild Steel

PHOTOS

1. The shaft location showing restricted access
2. The former in place with nozzle for venting
3. Post curing the repair to reduce downtime
4. The finished shaft

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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The Belzona logo consists of a stylized molecular structure made of blue circles and lines, positioned above the word "BELZONA" in a bold, blue, sans-serif font.