

Belzona Brings Shaft Back to Life

ID: 5484

Industry: General Industry
Application: MPT-Mechanical Power Transmission

Customer Location: Serbia
Application Date: October 2014

Substrate: Stainless Steel
Products: * Belzona 1121 (XL-Metal) ,

Problem

Failed bearings damaged the shaft and prevented it from operating correctly.



Photograph Descriptions

- * Worn shaft. ,
- * Closeup of worn shaft. ,
- * Rebuilt damaged area. ,
- * Complete shaft repair. ,

Application Situation

Loss of shaft's bearing surface caused failure of the bearings.

Application Method

The application was carried out in accordance with a modified version of Belzona Know-How System Leaflet MPT-1. The shaft was roughly undercut 2 mm in depth, degreased with Belzona 9111, and rebuilt with Belzona 1121. Once it had cured solid, it was machined down to the correct dimensions.

Belzona Facts

With shaft repairs, welding is not an option and conventional repairs are time-consuming. Belzona makes shaft repair process easy and allows a fast turnaround time.

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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