

BELZONA REPAIR TO CLARIFIER SHAFT IS MOLDED

ID: 1356

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

Customer Location: *Machine shop, Gulf Coast*
Application Date: *June 2009*

Substrate: *Carbon steel*
Products: ** Belzona® 1391 (Ceramic HT),*

Problem

Bearing fit deteriorated due to chemical attack and abrasion. Customer needed clarifier back in service as quickly as possible.



Photograph Descriptions

- * The worn shaft ,
- * Installing the former ,
- * Injecting Belzona® 1391 ,
- * Finished and shaft ready to put back in service. ,

Application Situation

Cutlass bearing area on clarifier shaft

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet MPT-2. Former was made to mold Belzona to correct diameter. Belzona was injected into the mold.

Belzona Facts

Belzona products cost ~ \$500. New shaft cost ~ \$10,000. Most importantly Belzona repair minimized downtime.

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.

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