

# 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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