

BELZONA REPAIR TO CLARIFIER SHAFT IS MOLDED

CUSTOMER

Machine shop, Gulf Coast

APPLICATION DATE

June 2009

APPLICATION SITUATION

Cutlass bearing area on clarifier shaft

PROBLEM

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

PRODUCTS

Belzona® 1391 (Ceramic HT)

SUBSTRATE

Carbon steel

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.

PICTURES

1. The worn shaft
2. Installing the former
3. Injecting Belzona® 1391
4. Finished and shaft ready to put back in service.



For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



Belzona products are manufactured under an ISO 9000 Registered Quality Management System.

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