

# CREATING CUTLASS BEARINGS WITH BELZONA

ID: 577

Industry: Water / Wastewater  
Application: CEP-Centrifugal Pumps  
Substrate: Steel  
Products: \* Belzona® 2131 (D&A Fluid Elastomer) ,

Customer Location: Water/Electricity Authority in Qatar  
Application Date: 2000-ongoing

## Problem

Original bearings were being worn out rapidly by the high sand content in the water.



## Photograph Descriptions

- \* Accurate mold created to form the bearings ,
- \* Belzona Elastomer being poured into the mold ,
- \* Completed bearing ,

## Application Situation

Water lubricated cutlass bearings from sea water lift pumps

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet CEP-9.

## Belzona Facts

Over 300 bearings have been cast. Reclaiming the original sleeve allows new bearings to be produced at a fraction the cost of new ones. In addition the life of the Belzona cast bearings was found to be longer than the originals.

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.

[www.belzona.com](http://www.belzona.com)

  
**BELZONA**  
Repair • Protect • Improve