

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

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manufactured under an ISO
9000 Registered Quality
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