

## CREATING CUTLASS BEARINGS WITH BELZONA

### CUSTOMER

Water/Electricity Authority in Qatar

### APPLICATION DATE

2000-ongoing

### APPLICATION SITUATION

Water lubricated cutlass bearings from sea water lift pumps

### PROBLEM

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

### PRODUCTS

Belzona® 2131 (D&A Fluid Elastomer)

### SUBSTRATE

Steel

### 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.

### PICTURES

1. Accurate mold created to form the bearings
2. Belzona Elastomer being poured into the mold
3. Completed bearing



1.



2.



3.

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



ISO 9001:2008  
Q 09335  
ISO 14001:2004  
EMS 509612

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