

# BELZONA REBUILD OF PUMP SPIDER BEARING

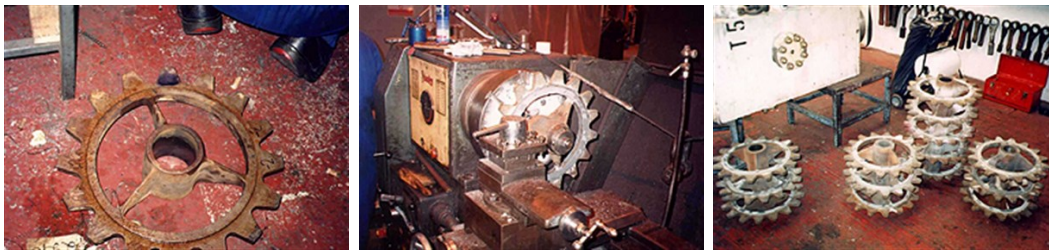
ID: 88

Industry: Oil & Gas  
Application: CEP-Centrifugal Pumps  
Substrate: Ni Resist Cast Steel  
Products: \* Belzona® 1111 (Super Metal) ,

Customer Location: Offshore Oil exploration company  
Application Date: July 1997

## Problem

*Corrosion and distortion was preventing correct sealing.*



## Photograph Descriptions

- \* One of the spider bearings ready to be worked on ,
- \* A bearing being machined ,
- \* The completed bearings ,

## Application Situation

15 Spider bearings from a fire pump

## Application Method

The application was carried out using a modified version of Belzona Know-How leaflet CEP-2. The damaged areas were cut back, rebuilt with Belzona® 1111 and machined back to tolerance.

## Belzona Facts

Attempted weld repairs had only caused further damage and replacements would take 6 months to deliver at a cost of £40,000. More importantly if another fire pump became inoperative the rig would be shut down at £100,000 per day losses. The Belzona application cost £1,400 and all the spiders were available for re-assembly in less than 1 week.

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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