

BELZONA REBUILD OF PUMP SPIDER BEARING

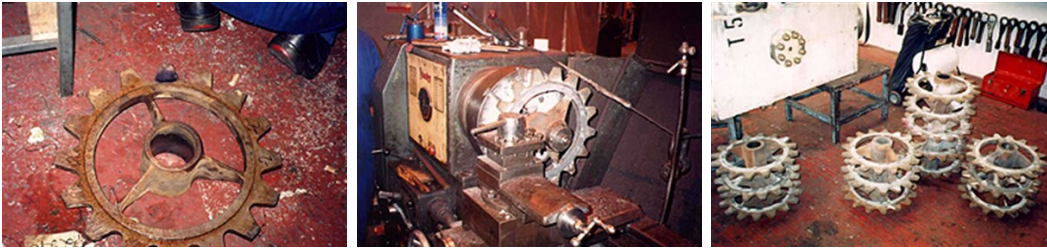
ID: 88

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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