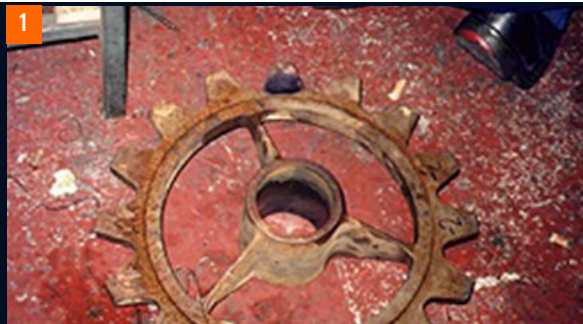


BELZONA REBUILD OF PUMP SPIDER BEARING

ID: 88



PROBLEM

Corrosion and distortion was preventing correct sealing.

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.

INDUSTRY

Oil & Gas

LOCATION

Offshore Oil exploration company

APPLICATION DATE

July 1997

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Ni Resist Cast Steel

PHOTOS

1. One of the spider bearings ready to be worked on
2. A bearing being machined
3. The completed bearings

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

