

BELZONA REDUCES DOWNTIME WITH SHAFT REPAIR

ID: 5216



PROBLEM

Bearing failure caused severe scoring to shaft.

APPLICATION SITUATION

Bearing shaft.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet FBC-13 for repairing shafts by forming techniques. The surface was prepared by mechanical grinding and cleaning with Belzona 9111 to remove all residue. The former's interior was prepared with Belzona 9411. Belzona 1111 was applied to the shaft and former, and the former was installed on the shaft. After curing, the former was removed and the shaft was checked for fit tolerance.

BELZONA FACTS

Belzona 1111 is a two-component repair composite based on a ceramic steel reinforced polymer system. Belzona 1111 drastically cuts downtime, reduces the need for spare parts, can be applied without the need for specialist tools, will not corrode and is resistant to a wide range of chemicals.

INDUSTRY

General Industry

LOCATION

Toronto, ON, Canada

APPLICATION DATE

July 2014

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 9111 (Cleaner Degreaser)
Belzona 9411 (Release Agent)

SUBSTRATE

Steel

PHOTOS

1. Prior to application
2. Preparation in process
3. Completed application
4. Completed application in service

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

