BELZONA REPAIRS 315 kW MOTOR SHAFT

ID: 2454

Industry: Power

Application: MPT-Mechanical Power Transmission

WP1-Wechanical Power Transmission

Substrate: steel

Products: * Belzona® 1111 (Super Metal),

Problem

Shaft had been damagerd by failed bearing.







Customer Location: Siemens, Slovakia

Application Date: July 2009



Photograph Descriptions

- * Electric motor case,
- * Damaged shaft,
- * Machining of the Belzona® 1111,
- * Completed job ,

Application Situation

315 kW electric motor shaft

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet MPT-1. Shaft was turned down and left with coarse thread before being rebuilt with Belzona® 1111 followed by machining back to original diameter.

Belzona Facts

Welding was not an option due to the high risk of thermal stress. Belzona repaired required no heat so enabled a safe cost effective repair to be completed quickly, saving huge cost over replacement option.

For more examples of Belzona Know - How In Action, please visit https://khia.belzona.com

ISO 9001:2015 Belzona products are
FS 695214 manufactured under an ISO
ISO 14001:2015 9000 Registered Quality
EMS 695213 Management System.

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