

Electric motor shaft repair

ID: 9616

Industry: *Power*
Application: *MPT-Mechanical Power Transmission*

Customer Location: *Slovakia*
Application Date: *July 2009*

Substrate: *Carbon steel*
Products: *Belzona 1111 (Super Metal)*

Problem

Damaged shaft under the bearing.



Damaged shaft under the bearing.



Processing of Belzona 1111 product



Repaired shaft



The shaft belongs to an electric motor with a power of 315 kW, manufacturer MEZ

Application Situation

Due to long-term use of the electric motor, the shaft was damaged. The customer was looking for a quick and high-quality solution. Our company has very good results with such repairs.

Application Method

Machining the shaft to the required profile. Application of the product Belzona 1111. Curing. Processing the product Belzona 1111 to the required size.

Belzona Facts

This type of repair (using the Belzona 1111 product) is one of the fast and high-quality solutions. Also, there is no thermal influence, as happened with welding.

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ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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