

Repair of Wind Turbine Bearing Sockets with Belzona

ID: 8556

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

Customer Location: *Poland*
Application Date: *August 2021*

Substrate: *Steel*
Products: ** Belzona 1111 (SuperMetal) ,*

Problem

Knockout of bearing sockets - manifested by loud, irregular operation of wind turbine gears.



Photograph Descriptions

- * Image 1: Bearing Socket ,
- * Image 2: Bearing Socket in Situ with Belzona 1111 Applied ,
- * Image 3: Bearing sockets re-built with Belzona 1111 ,
- * Image 4: bearing back in situ. ,

Application Situation

A wind turbine required a regeneration of wind turbine gear bearing sockets to be restored to its original profile.

Application Method

Applied in accordance with Belzona system leaflet MPT-7.

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

www.belzona.com

**BELZONA**
Repair • Protect • Improve

Belzona Facts

Belzona 1111 can be applied in situ with a fast return to service. 100% solid material there is no shrinkage allowing a regeneration of the original bearing socket to it's previous profile, saving time and money due to a reduced downtime and no specialist equipment required.

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

www.belzona.com

