

# Repair of the pinion shaft

ID: 9618

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

Customer Location: *Slovakia*  
Application Date: *June 2024*

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

## Problem

*Damaged shaft under the bearing.*



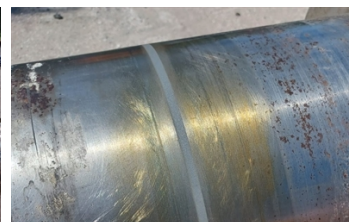
Damaged shaft under the bearing.



Repair detail



Shaft after repair



Belzona 1111 was used for the repair

## Application Situation

Due to long-term use of the machine, 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

Surface blasting according to the required Sa2.5 standard. Degreasing. Application of Belzona 1111 material. Curing. Processing to the required size.

## Belzona Facts

Damage to the shaft under the bearing prevented the functionality of the pinion shaft. The repair using the product Belzona 1111 was quick and of high quality.

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

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