

# Large Gearbox Restored with Belzona

ID: 1719

Industry: *General Industry*  
Application: *MPT-Mechanical Power Transmission*  
Substrate: *Steel*  
Products: *Belzona® 1111 (Super Metal)*

Customer Location: *Steel plant, Košice, Slovakia*  
Application Date: *2006*

## Problem

*Wear in the bearing housing was causing vibration.*



## Photograph Descriptions

1. Damaged bearing housing before reconstruction
2. Accurate measuring for alignment was a key feature of the process
3. Machining after Belzona application
4. Completed application ready to work

## Application Situation

Large gearbox used in production of steel plate.

## Application Method

Repairs were completed in accordance with Instructions for use. Accurate measurements were taken to enable machining to be done in-situ to an accuracy of  $\pm 0.03$  mm.

## Belzona Facts

Conventional welding required the gear box to be out of service too long. Belzona method achieved exact alignment ensuring smooth performance of the gearbox.

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

ISO 9001:2015  
Q.09335  
ISO 14001:2015  
EMS 509612

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