

# Vacuum drum pivots repaired with Belzona

ID: 7605

Industry: General Industry

Application: MPT-Mechanical Power Transmission

Customer Location: Cellulose producer, Slovakia,

Application Date: 2016

Substrate: Steel

Products: \* Belzona 1111 (Super Metal) ,

## Problem

After long time in service the pivot/shaft had become badly worn aggravated by corrosion.



## Photograph Descriptions

- \* Damaged pivot ,
- \* Cleaning and preparing ,
- \* Belzona 1111 after application ,
- \* Belzona 1111 (after 3 years and bronze break down) still on the place. ,

## Application Situation

vacuum drying drum used in cellulose production

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet MPT-1. Hand portable lathe was used to machine the pivot.

## Belzona Facts

Welding would have taken a long time with risk of the bending/structural distortion. Belzona solution is corrosion resistant and quickly and accurately restored original dimensions. In the year 2019, after 3 years production, company needed to repair it. This is a sliding bearing with bronze seating. They acknowledged a mistake; they forgot about lubrication for some time... When we arrived to see it, Belzona 1111 was still in place, but not bronze seating. It was enough to apply a thin layer of Belzona 1111 and change the bronze bearing.

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

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manufactured under an ISO  
9000 Registered Quality  
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