

VACUUM DRUM PIVOTS REPAIRED WITH BELZONA

ID: 7605



PROBLEM

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

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.

INDUSTRY

General Industry

LOCATION

Cellulose producer, Slovakia,

APPLICATION DATE

2016

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Steel

PHOTOS

1. Damaged pivot
2. Cleaning and preparing
3. Belzona 1111 after application
4. Belzona 1111 (after 3 years and bronze break down) still on the place.

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

