

# Belzona Rebuilds Shaft on Blanching Machine

ID: 532

Industry: General Industry  
Application: MPT-Mechanical Power Transmission

Customer Location: Frozen Food Manufacturer UK  
Application Date: February 2005

Substrate: Steel  
Products: \* Belzona® 1111 (Super Metal) ,

## Problem

Shaft was worn in the bearing area. This increased pressure on the bearings resulting in a very short service life.



## Photograph Descriptions

- \* View of worn bearing seat area on shaft. ,
- \* View of former. A stepped former was required to allow it to clamp and locate onto undamaged areas of the shaft. ,
- \* Former after clamping in position. ,
- \* Completed shaft rebuild using Belzona® 1111. Note the step has been rebuilt as well. ,

## Application Situation

Bearing seat area of blanching machine shaft.

## Application Method

Application was carried out in accordance with Belzona System Leaflet MPT-2.

## Belzona Facts

Previously this shaft had been welded up in position and the bearing seat area rough ground back to size. The shaft cannot be taken out without major strip down so an in-situ repair has to be done. The Belzona forming technique produced the precise required diameter.

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

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