

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.

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

www.belzona.com

BELZONA
Repair • Protect • Improve