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BELZONA®

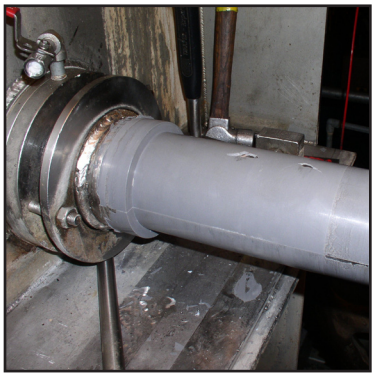
CASESTUDY

Belzona Rebuilds Shaft on Blanching Machine

View of worn bearing seat area on shaft

View of former. A stepped former was required to allow it to clamp and locate undamaged areas.

Former after clamping in position



Completed shaft rebuild using Belzona® 1111. Note the step has been rebuilt as well.

STATISTICS

CUSTOMER
Frozen food manufacturer, UK

APPLICATION DATE
February 2005

SUBSTRATE
Steel

PRODUCTS
Belzona® 1111
(Super Metal)

APPLICATION SITUATION
Bearing seat area of blanching machine shaft.

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

APPLICATION METHOD
Application was carried out in accordance with Belzona Know-How System Leaflets 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.

BELZONA INTERNATIONAL, LTD.
Claro Road, Harrogate, North Yorkshire HG14DS England
Tel: +44 (0) 1423 567641, Fax: +44 (0) 1423 505967
® Belzona is a registered trademark.

BELZONA ASIA PACIFIC
Rattakit Building 29/13 Moo 9 Sukhuvuvit Road
Banglamung, Chonburi 20150, Thailand
Tel: +66 38 378099, Fax: +66 38 378098

BELZONA, INC.
2000 NW 88th Court, Miami, Florida 33172, U.S.A.
Tel: (305) 594-4994, Fax: (305) 599-1140
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www.belzona.com