

BELZONA LOBE REPAIRS AVOID DELAYS

ID: 2272

Industry: Water / Wastewater
Application: PDP-Positive Displacement Pumps

Customer Location: Water treatment plant, Canada
Application Date: February 2001

Substrate: Steel
Products: * Belzona® 2131 (D&A Fluid Elastomer) ,

Problem

the rubber lobes wear but there is a delay of 4-6 weeks for the delivery of these lobes.



Photograph Descriptions

- * Preparation of the mould coated with Belzona® 1341 ,
- * Lobe position in the mould ,
- * The newly cast lobe in the mould ,
- * The lobe is ready to be back in service. ,

Application Situation

Rotary lobe pumps used in waste water treatment plant. The lobes have a diameter of 70 cm and a thickness of 13 cm.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet PDP-9. A mould, lined with Belzona® 1341 was created from new lobes and used to cast replica lobes using Belzona® 2131 around the steel centres which are grit blasted to achieve maximum adhesion.

Belzona Facts

Many lobes have been produced using this process. This method is not cheaper but it reduces stock and saves a lot of production time by avoiding supply delays.

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