

# 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

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manufactured under an ISO  
9000 Registered Quality  
Management System.

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