# BELZONA CREATES RUBBER LOBES ON THIS ROTARY PUMP

ID: 357

Industry: Water / Wastewater Customer Location: Water treatment plant.

Application: PDP-Positive Displacement Pumps Application Date: 1987

Substrate: Rubber and steel

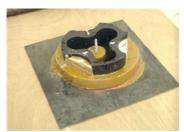
Products: \* Belzona ® 2131 (D&A Fluid Elastomer),

\* Belzona ® 2911 (QD Conditioner),

#### **Problem**

The two intermeshing rubber lobes in the pump rapidly wear and the clearances increase reducing the pumps efficiency.

Replacement of the lobes is necessary but expensive and long lead times exist for repalace-ment lobes from the manufacturer.







## **Photograph Descriptions**

- \* Mold prepared from new lobe,
- \* Pouring Belzona ® 2131 (D&A Fluid Elastomer) to fill the mold ,
- \* Pair of lobes assembled in pump case housing,

## **Application Situation**

Rotary lobe pumps used to move primary sludge in water treatment works.

#### **Application Method**

The application was carried out in accordance with Belzona Know-How System Leaflet PDP-9.

#### **Belzona Facts**

The Belzona repair scenario allows replacement lobes to be produced at a considerable reduction in cost over new units from the manufacturer. This alternative also provides extended service life.

For more examples of Belzona Know - How In Action, please visit https://khia.belzona.com

ISO 9001:2015 Belzona products are
FS 695214 manufactured under an ISO
ISO 14001:2015 9000 Registered Quality
EMS 695213 Management System.

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