

BELZONA FABRICATION OF ROTARY LOBES

ID: 180

Industry: Water / Wastewater

Customer Location: Wastewater Treatment Plant in
Northwest Florida

Application: PDP-Positive Displacement Pumps

Application Date: September 1996

Substrate: Steel

Products: * Belzona® 2131 (D&A Fluid Elastomer) ,
* Belzona® 2911 (Q.D. Conditioner) ,
* Belzona® 4411 (Granogrip) ,
* Belzona® 9411 (Release agent) ,

Problem

Rotary pump lobes damaged by entrained solids.



Photograph Descriptions

- * Damaged lobes from pump. ,
- * A perfect mold is made from new lobe using Belzona technique. ,
- * New lobe casted with Belzona® 2131. ,
- * Inspection six months after installation shows no wear. One year after installation the lobes are operating perfectly. ,

Application Situation

Wemco-muniflo rotary lobe, pump Model RPD5

Application Method

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

Belzona Facts

Replacement cost is \$1,000-\$1,300 per lobe. Cost of fabricating lobes with Belzona's techniques is approximately \$600 per lobe, saving the customer in excess of \$600 per lobe.

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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