

# BELZONA FABRICATION OF ROTARY LOBES

ID: 180



## PROBLEM

Rotary pump lobes damaged by entrained solids.

## 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.

## INDUSTRY

Water / Wastewater

## LOCATION

Wastewater Treatment Plant in Northwest Florida

## APPLICATION DATE

September 1996

## PRODUCTS

Belzona 2131 (D&A Fluid Elastomer)  
Belzona 2911 (Q.D. Conditioner)  
Belzona 4411 (Granogrip)  
Belzona 9411 (Release agent)

## SUBSTRATE

Steel

## PHOTOS

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

For more examples of Belzona Know-How in Action, please visit [khia.belzona.com](http://khia.belzona.com)

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