

BELZONA CREATES RUBBER LOBES ON THIS ROTARY PUMP

CUSTOMER

Water treatment plant.

APPLICATION DATE

1987

APPLICATION SITUATION

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

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 replacement lobes from the manufacturer.

PRODUCTS

Belzona® 2131 (D&A Fluid Elastomer)

Belzona® 2911 (QD Conditioner)

SUBSTRATE

Rubber and steel

APPLICATION METHOD

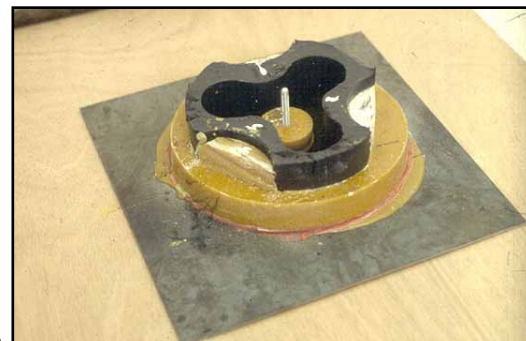
The application was carried out in accordance with Belzona Know-How System Leaflet PDP-9.

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.

PICTURES

1. Mold prepared from new lobe
2. Pouring Belzona® 2131 to fill the mold
3. Pair of lobes assembled in pump case housing



For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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