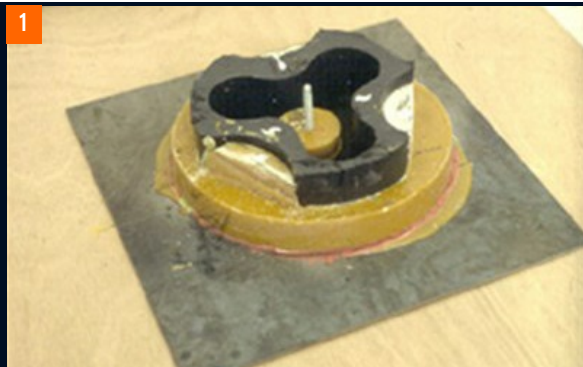


BELZONA CREATES RUBBER LOBES ON THIS ROTARY PUMP

ID: 357



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.

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.

INDUSTRY

Water / Wastewater

LOCATION

Water treatment plant.

APPLICATION DATE

1987

PRODUCTS

Belzona 2131 (D&A Fluid Elastomer)
Belzona 2911 (QD Conditioner)

SUBSTRATE

Rubber and steel

PHOTOS

1. Mold prepared from new lobe
2. Pouring Belzona 2131 (D&A Fluid Elastomer) to fill the mold
3. Pair of lobes assembled in pump case housing

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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