

BELZONA LOBE REPAIRS AVOID DELAYS

ID: 2272



PROBLEM

the rubber lobes wear but there is a delay of 4-6 weeks for the delivery of these lobes.

APPLICATION SITUATION

Rotary lobe pumps used in waste water treatment plant. The lobes have a diameter of 70 cm and a thickness of 13 cm.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet PDP-9. A mould, lined with Belzona® 1341 was created from new lobes and used to cast replica lobes using Belzona® 2131 around the steel centres which are grit blasted to achieve maximum adhesion.

BELZONA FACTS

Many lobes have been produced using this process. This method is not cheaper but it reduces stock and saves a lot of production time by avoiding supply delays.

INDUSTRY

Water / Wastewater

LOCATION

Water treatment plant, Canada

APPLICATION DATE

February 2001

PRODUCTS

Belzona 2131 (D&A Fluid Elastomer)

SUBSTRATE

Steel

PHOTOS

1. Preparation of the mould coated with Belzona 1341
2. Lobe position in the mould
3. The newly cast lobe in the mould
4. The lobe is ready to be back in service.

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

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