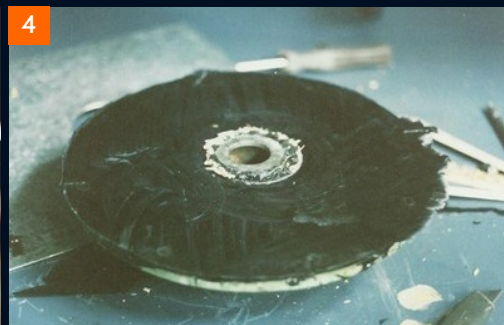


BELZONA SAVES WASTEWATER GRIT PUMP

ID: 5266



PROBLEM

This grit pump got extremely worn and had been rebuilt with an alternative method, which lasted only 3 months.

APPLICATION SITUATION

Wastewater grit pump.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflets CEP-3 & CEP-5. The threads that were worn through were rebuilt with Belzona 1311. The bowl was lined with Belzona 1811. The end cover was rebuilt with Belzona 2111 as a comparison to Belzona 1811.

BELZONA FACTS

A replacement pump was very expensive. The previous rebuild had washed out in three months. After Belzona's solution, the pump was opened for inspection 6 months later and found to be in perfect condition.

INDUSTRY

Fluid Flow

LOCATION

Montana, USA

APPLICATION DATE

1986

PRODUCTS

Belzona 1311 (Ceramic R-Metal)

Belzona 1811 (Ceramic Carbide)

Belzona 2111 (D & A Hi-Build Elastomer)

SUBSTRATE

Cast Iron

PHOTOS

1. Pump bowl with threads rebuilt
2. Pump bowl coated with Belzona 1811
3. End cover showing wear
4. End cover with Belzona 2111 formed in place; excess needs to be trimmed

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

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

