

END SUCTION POTABLE WATER PUMP REFURBISHMENT

ID: 10012



PROBLEM

Heavy corrosion and erosion were observed on the pump components due to continuous water contact.

APPLICATION SITUATION

The application was completed in just two days, and the pump was back in service within a week after dismantling.

APPLICATION METHOD

Application of Belzona 1111 (Super Metal) was carried out to restore the surface of the pump components prior to the application of Belzona 1341 (Supermetalglide) for further protecting the equipment and enhancing the pump performance.

The application was completed with no special equipment required just a brush and plastic applicator.

BELZONA FACTS

The Belzona solution saved the customer from buying a brand-new pump.

Belzona 1341 (Supermetalglide) was developed with hydrophobic technology that repel process fluids and reduce turbulent flow. In addition to protecting pumps from erosion and corrosion, it also enhances pump efficiency.

INDUSTRY

Oil & Gas

LOCATION

Khurais Saudi Arabia

APPLICATION DATE

June 2024

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 1341 (Supermetalglide)

SUBSTRATE

Cast Iron

PHOTOS

1. An impeller suffered corrosion from prolonged exposure to water
2. Eroded pump component required immediate solution
3. Pump impeller rebuilt with Belzona 1111 (Super Metal) and overcoated with Belzona 1341 (Supermetalglide)
4. Belzona 1341 (Supermetalglide) used on pump component for repair and improving pump performance

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.

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