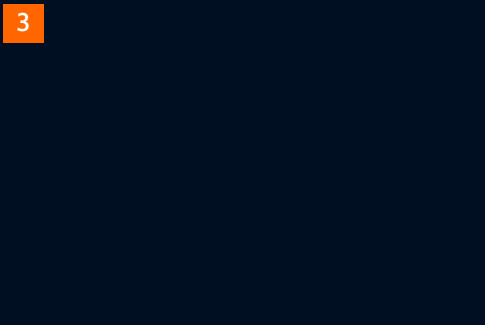


BELZONA PROTECTS BRINE PUMP BOWLS

ID: 885



PROBLEM

Salt brine is pumped into the ground to force stored petroleum out of storage for processing. The pumps suffer from the effects of erosion/corrosion caused by the brine.

APPLICATION SITUATION

New pump bowls need protection to provide a long service life. The previous bowl were lasting less than 6 months.

APPLICATION METHOD

Application was completed in accordance with Belzona Know-How System leaflet CEP-3.

The pump bowls were heated to a pre-application temperature of 90°F.

BELZONA FACTS

Unprotected pump bowls were lasting only a few months.

The Belzona coated pumps are meeting the needs of the plant, after well over a year in service.

This predictive maintenance practice will save the plant a great deal of money and improved pump reliability.

INDUSTRY

Chemical & Petrochemical

LOCATION

Hydrocarbon Fractionation Facility /
Hutchinson, KS

APPLICATION DATE

January 2007

PRODUCTS

Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Cast iron

PHOTOS

1. Grit blasted bowl with surface profile sample
2. Mixing Belzona 1321
3. Application under supervision in progress
4. Pump bowls with Belzona 1321 applied

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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