

BELZONA PROTECTS VERTICAL LIFT PUMP IMPELLER

ID: 1215



PROBLEM

Due to the damage caused by the severe cavitation, costly rebuilding and rebalancing of the impeller was required on at least an annual basis.

APPLICATION SITUATION

Open-faced vertical lift pump impeller

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet CEP-3.

BELZONA FACTS

Pump still in service and performing satisfactorily almost 3 years later. Annual overhaul on these type pumps can run as much as \$30,000 (3 years approx. \$90,000 savings.) Belzona product was less than \$3,000.

INDUSTRY

Chemical & Petrochemical

LOCATION

Chemical Plant, Texas

APPLICATION DATE

2006

PRODUCTS

Belzona 2141 (ACR-Fluid Elastomer)

SUBSTRATE

Bronze

PHOTOS

1. Vertical lift impeller with Belzona 2941 conditioner applied
2. Inspection of impeller during coating process
3. Coating completed, awaiting installation

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

