# BELZONA PROTECTS VERTICAL LIFT PUMP IMPELLER

ID: 1215

Industry: Chemical & Petrochemical Customer Location: Chemical Plant, Texas

Application: CEP-Centrifugal Pumps Application Date: 2006

Substrate: Bronze

Products: \* Belzona® 2141 (ACR-Fluid Elastomer),

#### 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.







## **Photograph Descriptions**

- \* Vertical lift impeller with Belzona® 2941 conditioner applied,
- \* Inspection of impeller during coating process,
- \* Coating completed, awaiting installation,

## **Application Situation**

Open-faced vertical lift pump impeller

## **Application Method**

Application was carried outin 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.