

## BELZONA PROTECTS VERTICAL LIFT PUMP IMPELLER

### CUSTOMER

Chemical Plant, Texas

### APPLICATION DATE

2006

### APPLICATION SITUATION

Open-faced vertical lift pump impeller

### 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.

### PRODUCTS

Belzona® 2141 (ACR-Fluid Elastomer)

### SUBSTRATE

Bronze

### 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.

### PICTURES

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 <http://khia.belzona.com>



ISO 9001:2008  
Q 09335  
ISO 14001:2004  
EMS 509612

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