

## BELZONA RESTORES VACUUM PUMP

### CUSTOMER

Brewery, Serbia

### APPLICATION DATE

April 2016

### APPLICATION SITUATION

Vacuum pump rotor.

### PROBLEM

The vacuum pump rotor was exposed to aggressive corrosion and its efficient working life was very short. The client required a solution that improved the performance of the damaged pump and gave it new life.

### PRODUCTS

Belzona 1111 (Super Metal)

Belzona 1321 (Ceramic S-Metal)

### SUBSTRATE

Cast iron

### APPLICATION METHOD

The application was completed in accordance with Belzona Know-How System Leaflets CEP-1 and CEP-3. After grit blasting the rotor was reconstructed with Belzona 1111. Once the shape of the rotor was reformed it was overcoated with Belzona 1321 to provide future erosion corrosion protection.

### BELZONA FACTS

Belzona injected new life to three impellers for the cost of one new impeller, whilst at the same time extending the effective service life of the pumps.

### PICTURES

1. Overall condition of rotor
2. View of the condition of the rotor
3. Impeller after grit blasting
4. Completed application



1.



2.



3.



4.

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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