

## CLASSIC BELZONA PUMP REFURBISHMENT-OUTPUT INCREASES 9.5% AFTER 3½ YEARS

### CUSTOMER

National water supply company in Tunisia

### APPLICATION DATE

September 2002

### APPLICATION SITUATION

Two badly corroded/cavitated centrifugal KSB water supply pumps.

### PROBLEM

Output from the pumps was drastically reduced from the new condition due to corrosion and cavitation damage.

### PRODUCTS

Belzona® 1111 (Super Metal)

Belzona® 1341 (Supermetalglide)

### SUBSTRATE

Cast Iron

### APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflets CEP-2 and CEP-10.

### BELZONA FACTS

Flow rate of New Pump - 540 L/sec (142 gal/sec) Flow rate of damaged pump - 480 L/sec (126 gal/sec) Flow rate of repaired pump - 540 L/sec (142 gal/sec), an increase of more than 12% over the corroded pump. After 3-1/2 years, the flow rate of the repaired pump is 530 L/sec (140 gal/sec), an increase of more than 9.5% over the corroded pump.

### PICTURES

1. Damaged pump
2. Neck ring seats restored to original sizes
3. Complete repair
4. Coating in good condition after 3-1/2 years of service



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