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## BELZONA® SAVES PUMP FROM THE SCRAP HEAP

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### CUSTOMER

Pulp & Paper Plant  
Vancouver Island, BC.

### APPLICATION DATE

May 1989

### PROBLEM

Bearing had failed allowing impeller to drop and gouge out about 0.125ins of metal from the sides of the single stage pump bowl.

### PRODUCTS

Belzona® 1111 Super Metal  
Belzona® 1321 Ceramic S Metal

### SUBSTRATE

Cast iron

### APPLICATION METHOD

Application carried out in accordance with Belzona® Know-How Leaflet CEP1,2

### BELZONA FACTS

The use of Belzona Ceramic Metals allowed the sides of the pump bowl to be rebuilt to specification

### PHOTOGRAPHS

1. Template positioned to show extent of wear around perimeter of the pump bowl.
2. Other deeply imbedded corrosion spots were drilled out to allow for an easier and more positive repair.
3. Belzona® 1111 Super Metal, a paste grade rebuilding material is used to rebuild worn areas. Once cured area was machined to tolerance.
4. After machining 2 coats of Belzona® 1321 Ceramic S Metal were applied for additional protection.

