

# BELZONA PROTECTS PAPER MILL FAN PUMP

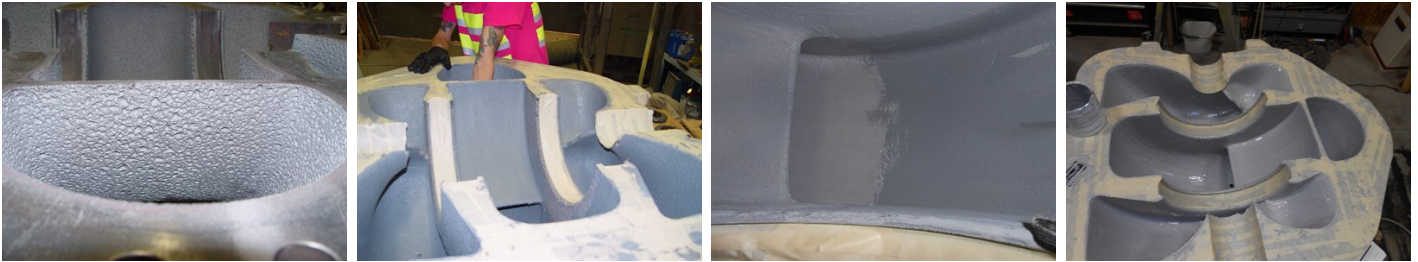
ID: 5352

Industry: Fluid Flow  
Application: CEP-Centrifugal Pumps  
Substrate: Cast Iron  
Products: \* Belzona 1111 (Super Metal) ,  
\* Belzona 1391T ,

Customer Location: Oregon, USA  
Application Date: 2013

## Problem

Pumping stock at 125F, with calcium carbonate added, goes through a boil out process using sodium hydroxide and phosphoric acid at 165F. With the wear on the casing, it is just a matter of time before the chemicals create a hole.



## Photograph Descriptions

- \* Grit blasted, ready to be coated ,
- \* Filling pits with Belzona 1111 ,
- \* Coating with Belzona 1391T ,
- \* Completed application to pump casing ,

## Application Situation

Split case pump.

## Application Method

The pump was grit blasted. Belzona 1111 was used to fill all the pitting. Two coats of 1391T were brushed on.

## Belzona Facts

There were no alternatives. Even a new pump would need to be coated to handle the caustic/acid boil out.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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