

BELZONA PROTECTS PAPER MILL FAN PUMP

ID: 5352



PROBLEM

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

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.

INDUSTRY

Fluid Flow

LOCATION

Oregon, USA

APPLICATION DATE

2013

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 1391T

SUBSTRATE

Cast Iron

PHOTOS

1. Grit blasted, ready to be coated
2. Filling pits with Belzona 1111
3. Coating with Belzona 1391T
4. Completed application to pump casing

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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