

# BELZONA REPAIR OF A SAND PUMP INCREASES SERVICE LIFE

ID: 5426

Industry: General Industry  
Application: FBC-Fans, Blowers and Compressors

Customer Location: South Louisiana, USA  
Application Date: February 2014

Substrate: Cast iron  
Products: \* Belzona 1111 (Super Metal) ,  
\* Belzona 1341 (Supermetalglide) ,

## Problem

Due to high sand content in the water being pumped, impeller had holes and other areas of metal loss.



## Photograph Descriptions

- \* Impeller upon arrival ,
- \* Holes and other visible damage to be repaired ,
- \* Coated vanes ,
- \* Impeller finished and ready to be re-installed in pump ,

## Application Situation

Metal loss and holes in impeller vanes; pitting on outside of impeller.

## Application Method

The application was carried out in accordance with a modified version of Belzona Know-How System Leaflets CEP-1 and FBC-2

## Belzona Facts

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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

[www.belzona.com](http://www.belzona.com)

  
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Repair • Protect • Improve

The repair costs were about 40% of the cost of a new impeller and the delivery for new impeller was unacceptable. Customer selected Belzona because of past successes with Belzona products.

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