

# Corroded rotor and end covers

ID: 9636

Industry: *Marine*  
Application: *CEP-Centrifugal Pumps*  
Substrate: *Cast Iron*  
Products: *Belzona 1111 (Super Metal), Belzona 1331*

Customer Location: *Houma*  
Application Date: *October 2024*

## Problem

*Rotor and end covers corroded due to harsh saltwater environment.*



End covers before application. Rotor before application.

Area rebuilt with Belzona 1111 and protected with Belzona 1331.

Second coat of Belzona 1331 applied.

## Application Situation

We saved the customer a significant amount of money and time by performing this application, A new pump would have cost the customer 15k and lead time was well over 26 weeks. We were able to perform this application in 3 days at a huge cost savings.

## Application Method

Abrasive blasting was performed to create a bonding surface essential for Belzona 1111 to be applied.

## Belzona Facts

Big coat saving, 6-month time savings

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

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