

# Belzona repairs Suction Bell

ID: 9901

Industry: Pulp & Paper

Application: SHM-Solids Handling Machinery

Customer Location: Decatur, AL

Application Date: October 2024

Substrate: Carbon steel

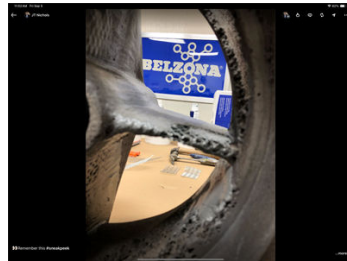
Products: Belzona 1111 (Super Metal), Belzona 1331

## Problem

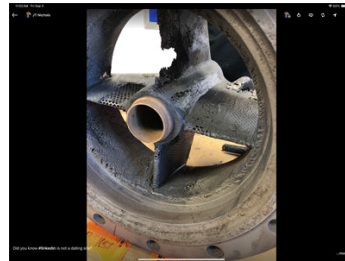
This suction bell he been in brackish water for over ten years and had not been taken out for service. They couldn't get a new suction bell in less than six months and the needed to be back up and running in two weeks.



Removing salts was a major priority in the first step of this repair.



Making repairs using Belzona 1111



Here we are showing you a technique we use in the shop to fill voids and using Belzona 1111



Finally we applied two coats of Belzona 1331 for a perfect finish.

## Application Situation

This application had a repair cost of less than \$3,000.00 saving this customer around \$20,000.00. We had the suction bell back to the customer in less than a week saving the customer up to 4 months of down time.

## Application Method

We washed the suction bell with Salt-Away to remove the salts absorbed in the metal to achieve a 20pm or less. Once that was achieved we rebuilt and skimmed all pitted areas with Belzona 1111. Then we applied two coats of Belzona 1331.

## Belzona Facts

Using Belzona saved this customer over \$20,000.00 and the only alternative was order a new suction bell with a 3-4 month lead time.

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

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