

# By Using Chesterton ARC 858, Saves Customers Time And Money!

Specify Industry  
Product: Chesterton  
Case Study 000 IL/MRO

## Challenge

### Background

This is a 25" suction bell from a large Vertical Turbine Pump. The wear area of the suction bell was severely damaged, the customer wanted this suction bell replaced with new. The new suction bell had a 16 to 18 week lead time, so the customer then requested that Phoenix Pumps, Inc. (PPI) conduct the repair utilizing ARC 858.



**Severely damaged suction bell before being repaired with ARC 858.**

## Solution

### Product

After machining the wear ring area, the PPI Repair Division applied Chesterton ARC-858 and was able to repair the suction bell in a couple of days.

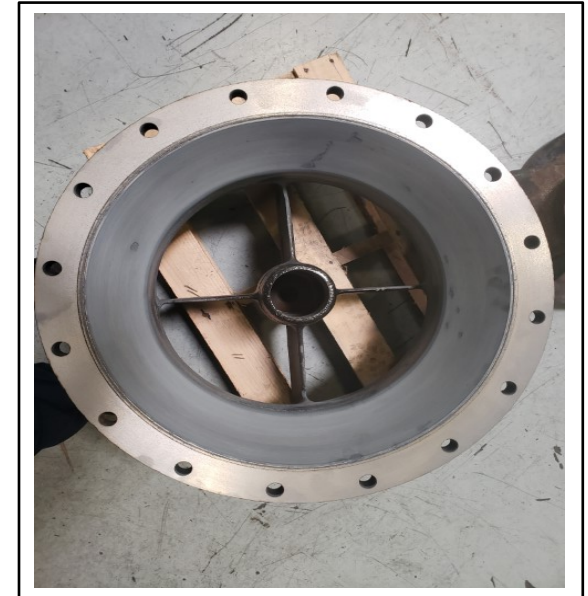


**Suction bell being machined after ARC 858 was applied.**

## Results

### Increased Savings on Time and Money

By repairing with ARC-858, PPI was able to improve the lead time of this pump repair by 14 weeks. The customer also saved approximately \$10,000.00 by going with the repair instead of buying a new suction bell.



**Suction bell successfully repaired with ARC 858 repair saving customer \$10,000.00 and 16 to 18 weeks lead time on a new part.**