



## Si-Tec Ceramic Impeller Shoes Reduce Operation Cost Per Hour by 28%

Washington, USA  
Abrasive Silicon Sand

*“Wear life of Si-Tec Ceramic Technology increased nearly four times VS standard chrome.”*

### Baseline:

- Standard high chrome impeller shoes used in abrasive silicon sand crushing operation
- Average wear life of impeller shoes is 4 hours

### Objective:

- Double the wear life of shoes through Si-Tec® Ceramic Technology
- Reduce overall costs of wear parts, including maintenance and machine down time

### Results:

- Wear life of Si-Tec® improved usage to 15 hours, nearly four times more than standard high chrome
- 28% Reduction in operating costs

### Value Delivered:

- Improved deflection pattern improved longevity of other parts within the crushing chamber

Wear Part Solutions for the  
Crushing and Mining Industries  
[www.SpokaneIndustries.com](http://www.SpokaneIndustries.com)

