



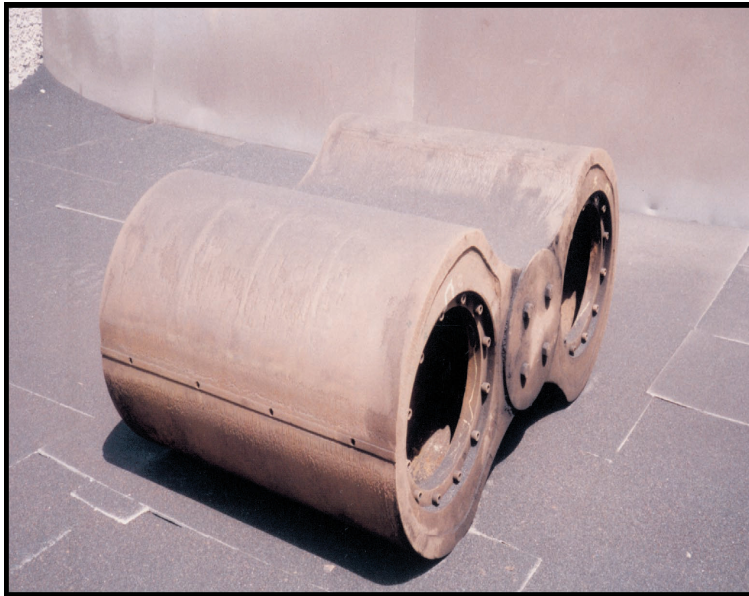
# Unconventional Solutions, Inc.

Experts in Repair and Protective Coatings

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

## Project: Twin Lobe Refurbishment



### The Problem

The twin lobe, of which there are two in each Blower, weighs 3½ tons. As can be seen, it had been subjected to heavy erosion and corrosion as well as abrasion as a result of the very aggressive operating conditions. This sustained attack was altering the profile of the twin lobes which eventually had to be discarded. The unit price to replace such a component would have been over \$100,000.

### The Solution

A System Recommendation was issued calling for one coat of **USI Ceramic Rebuild** to rebuild the pitted areas followed by two coats of **USI Ceramic Lining FG**.

**USI Ceramic Lining FG** is a solvent-free epoxy coating which provides a smooth, low friction finish as well as optimum levels of physical and mechanical strength, and superior resistance to erosion and corrosion.

The client was delighted with the results and the considerable cost savings that using a US generated. The total cc refurbishment was just |

