

Customer Manufacturing Company, North West
Sector Manufacturing
Date June 2012
Ref no. 20067

APPLICATION EXAMPLE

Repairs to pump impeller

Situation

The pump was removed from service due to leakage and found to have mechanical damage to the impeller housing mating face.

Implication

The customer was considering scrapping the pump but decided to re-furbish instead due to the huge cost of replacement and extensive lead time. The pump was not working efficiently and causing process problems.

Solution

The damaged face was re-built using Resimac 101 repair paste which has excellent machining properties. The impeller was then put onto a lathe and machined back to the original spec.

Facts

Even with significant damage the pump can be re-build using high tech epoxy repair paste. With the mechanical properties of the repair paste the impeller was brought back to original tolerances and the customer saved a significant amount of money.

