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Case History – ThistleBond Fairing Compound and Abrasion Resistant Ceramic Carbide Fluid Engineering Repair and Maintenance

The Pump had been used on a Cargo tanker and been in operation for over 15 years. The performance and efficiency of the pump had become so bad that it was decided to take the equipment out of service and repair any damage. Unfortunately the spare part was no longer being manufactured by the OEM and so the shipping company looked to ThistleBond to repair the damaged components.



Wire was welded to the outer edges of the impeller, so as to obtain the original shape and dimensions. ThistleBond Standard Resin and Hardener was then mixed with Fairing Compound, a special blend of glass strands and flakes. The mixed product was applied by thin layers to the damaged component and eventually the impeller was brought back to its original shape.

Once the ThistleBond Standard Resin and Hardener and Fairing Compound had reached its minimum over coating time. Two coats of ThistleBond Abrasion Resistant Ceramic Carbide Fluid were brushed onto all the areas of the impeller. The applied product was then allowed to cure fully, before the impeller was put back into operation.

