UniquePolymerSystems.com

The Engineer's Choice

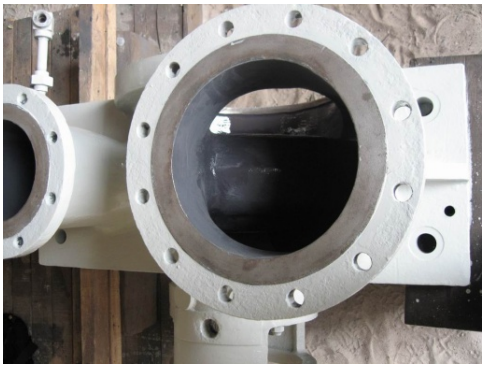
... for Solutions

Application Profile

Repair Don't Replace!



- Fluid Flow Equipment suffers from erosion from day one in operation. This erosion will **compromise the efficiency of the PUMP** and increase the amount of energy required to power the unit.
- Even WEAR resistant materials will eventually wear away. The **ABRASIVE PARTICLES** in erosive applications will wear away the protective oxide layer and subsequently wear away the base material. If temperature and chemicals are also part of the application - **then the wear can be significantly accelerated.**
- If this cost is them multiplied by the number of pump units within the facility - increase in power consumption can **be significant.**
- With the added problem of CORROSION in the cases of ABRASIVE applications - this can also add to the burden of the PUMP MOTOR.
- This cause and effect problem can mean that the PUMP VOLUTE and IMPELLER being replaced on a regular basis.
- To COMBAT these difficulties - there are a series of ***HARD CERAMIC ENGINEERING GRADE PRODUCTS*** available.
- **JPS200** - CERAMIC CARBIDE WEARING COMPOUND / Ideal for REPAIRING erosion/corrosion damage on all types of FLUID FLOW equipment
- **JPS205** - ABRASION RESISTANT CERAMIC CARBIDE FLUID - Ideal for prevention erosion/corrosion damage on all types of fluid flow equipment.
- ***JPS240*** - Extreme abrasion resistant heavy duty lining material for use in highly abrasive situations in all fluid flow equipment.



Products Used UPS200 – UPS205 – UPS105 – UPS240