

IS COROSION AND EROSION EATING UP YOUR ROTATING EQUIPMENT?

Modern materials resist a harsh operating environment much better. When the need arises to replace components within your equipment, why not upgrade on materials to increase component life and reduce future downtime?

If you order your spares from the OEM, you tend to get the identical component in return. Upgrades are often not available or take a very long time as old processes, procedures and patterns are not suitable for the new material.

The members of our engineering team at PINNACLE RE-TEC have extensive experience in this field and have upgraded parts for rotating machinery successfully for many blue chip clients. Their solutions stand out due to

1. State of the art engineering process and tools
2. Fit-for-purpose choice of material
3. Resistance to your specific operating environment
4. Avoiding any conflict with other materials in the pump

These are some of the materials / processes that are proven to increase component life considerably:

- Stainless Steels (Austenitic, Ferritic, Martensitic)
- Duplex/ Super Duplex
- Nickel Alloys
- HVOF Coatings
- PTA Welding

The benefits for our customers centre on the reduction of their cost of ownership

- Longer component life
- Reduced down time
- Improved efficiency
- Avoidance of unnecessary capital expenditure

If you want to know how material up-grades of spares can give your rotating equipment a modern lease of life, give us a call and arrange a presentation.

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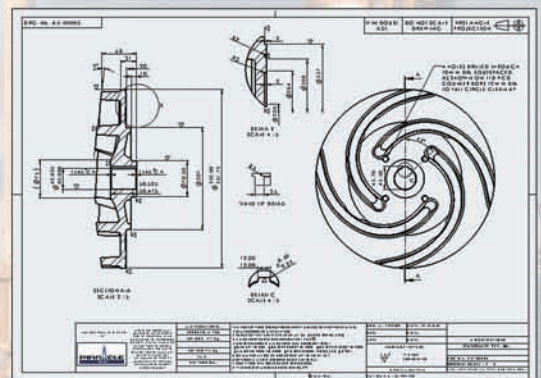
"Old" materials suffering from corrosion



**Material: bronze, weight 18.9 kg
Recommended for marine environment**



**Material: duplex steel, weight 17.3 kg
Recommended for chemical and marine environment with higher op temperature**



All relevant engineering data recorded