

**Breathing New
Life into Old
Equipment, with
Innovative
Solutions!**

Case Study Vertical, Diffuser Bowl, Lineshaft (VS1)



Duty & Fluid
Sea Water Lift Pump
Sea Water

OEM & Designation
Hayward Tyler
16HXB – 4 Stage

Materials
Ni-Resist

Challenge

Historically pump materials used are reflective of the age of the platform and subsequently suffer badly from corrosion and failure. Typical issues can be galvanic reaction, spigot damage and pipe failure.



Solution

Pinnacle Re-Tec were able to offer a cost-effective repair solution, by reverse engineering and manufacturing in-house all required spare parts. Out of tolerance column spigot locations were machined in-house and repair rings fitted and pinned, then finish machined to required size. Bearing bushes can be replaced in variety materials – Flourosint, Peek or Cutless rubber.



Benefit

By reverse engineering and manufacturing all parts in-house, Pinnacle Re-Tec offered the client a more economic repair compared to the OEM, whilst offering OEM equivalent guarantees. Due to limited asset life, client opted for like-for-like repair rather than upgrading material to super duplex.

Result

Pinnacle Re-Tec provided the client with a one-stop-shop, cost effective pump repair and delivered on time in 14 weeks.



To see how Pinnacle Re-Tec can help you with cost effective pump repairs and innovative solutions to increase MTBF please call us on 01207 588 731 or email info@pinnacle-re-tec.co.uk