

Belzona Helps to Bring Chemicals Plant Back Online with Pump Refurbishment

ID: 9854

Industry: Chemical & Petrochemical

Customer Location: West Midlands

Application: CEP-Centrifugal Pumps

Application Date: February 2024

Substrate: Other

Products: Belzona 1111 (Super Metal), Belzona 1341 (Supermetalglide)

Problem

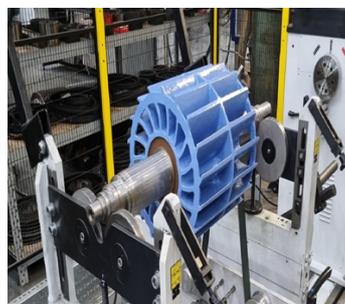
A biofuel producer had allowed a plant to fall out of production for three years. The customer was now looking to bring this part of the facility back online. A critical component to the operation was four liquid vacuum pumps. Historically, the customer had experienced problems with lengthy lead times for spares and the manufacturer of the pumps had also recently deemed the units beyond economical repair. This had resulted in the customers' four pumps being in various states of disassembly across the site.



Before Coating



After Belzona 1111 has been applied to rebuild and first coat of Belzona 1341



Completed pump with Belzona 1341 second coat

Application Situation

Saving weeks in downtime from not purchasing a new pump asset and reducing the companies carbon footprint by repairing instead of replacing.

Application Method

This pump was gritblasted to standard, any pitfilling was completed with Belzona 1111 and then two coats of Belzona 1341

Belzona Facts

This allowed the customer to achieve an immediate cost-saving with the only option previously open to them being a replacement pump.

Now that the pump impeller has been coated with Belzona 1341, the assets' service life will be extended thanks to the Belzona 1341's anti-corrosion qualities, and its hydraulic efficiency improved, reducing energy consumption as a result.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

www.belzona.com

