

Split pump keeps it cool with Belzona

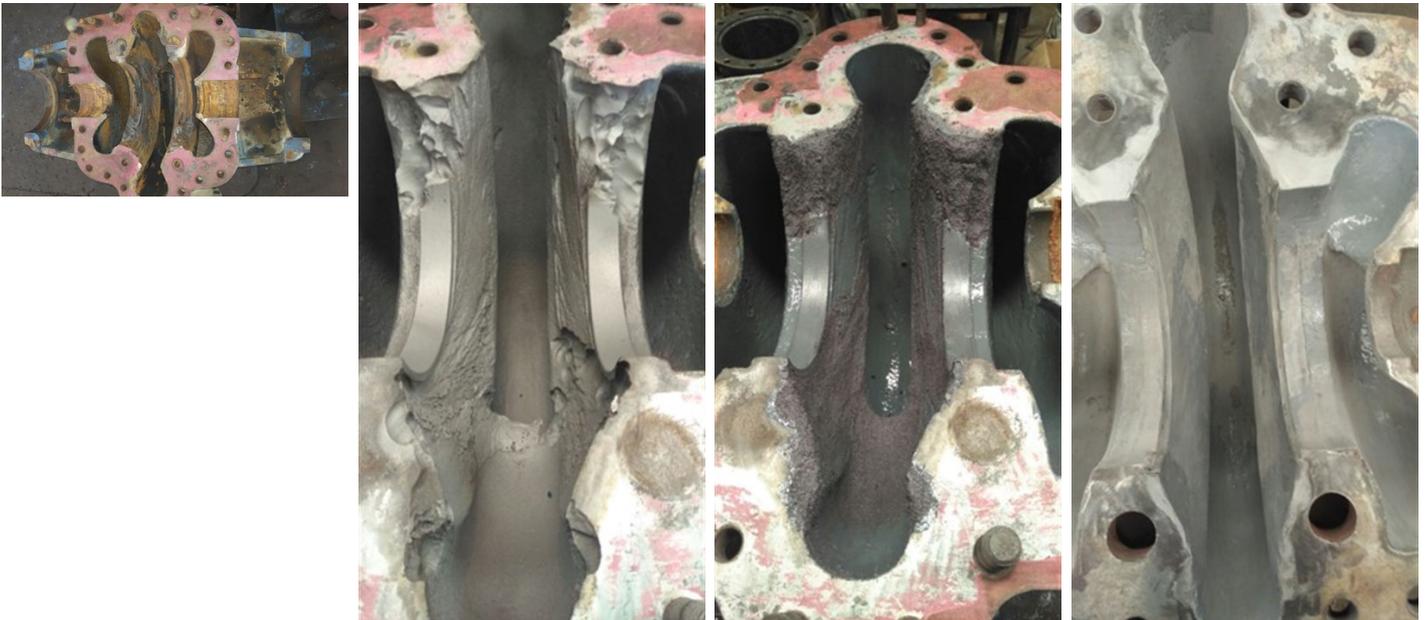
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Industry: *Fluid Flow*
 Application: *CEP-Centrifugal Pumps*
 Substrate: *Carbon Steel*
 Products: ** Belzona 1311 (Ceramic R-Metal) ,*
** Belzona 1812 (Ceramic Carbide FP) ,*
** Belzona 1321 (Ceramic S-Metal) ,*

Customer Location: *Huelva - Spain*
 Application Date: *2017*

Problem

Heavy erosion caused by suspended particles in the fluid.



Photograph Descriptions

- * 1. Pump after 10 years in service (some Belzona 1321 still visible) ,
- * 2. Wear ring seating areas rebuild with Belzona 1311 ,
- * 3. Most severely worn areas rebuild and protected with Belzona 1812 ,
- * 4. Remaining areas rebuild with Belzona 1311 & coated with Belzona 1321 ,

Application Situation

10 years after Belzona 1321 was applied to the split case pump, the coating is now almost completely gone and erosion has removed some of the steel. The customer was happy with the performance of Belzona and wished to utilize Belzona materials to further extend the life of this pump.

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

ISO 9001:2015
 FS 695214
 ISO 14001:2015
 EMS 695213

Belzona products are
 manufactured under an ISO
 9000 Registered Quality
 Management System.

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 Repair • Protect • Improve

Application Method

The application was carried out in accordance with Belzona System Leaflets CEP-2, CEP-3 & CEP-5.

Belzona Facts

While this pump is not operating the production is reduced. The cost and time for replacement made this option economically non-viable for the customer. Given their previous experience with a Belzona product on this pump, the customer was confident in the performance of the Belzona solution, which saved them considerable cost and reduced down time.

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