SEVERE EROSION IS NO MATCH FOR BELZONA

ID: 343

Industry: Sugar Customer Location: Sugar mill in Florida, U.S.A.

Application: CEP-Centrifugal Pumps Application Date: May 1994

Substrate: 316 Stainless steel

* Belzona® 1391,

* Belzona® 1111 (Super Metal),

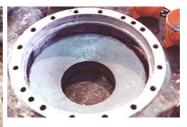
Problem

Products:

The sugar liquor pump housing near the impeller had suffered from severe erosion and exhibited extensive metal loss.







Photograph Descriptions

- * Housing demonstrating extensive wear,
- * A template was used to restore the original profile,
- * Housing rebuilt to the original profile and coated to handle high temperature service ,

Application Situation

End suction pump for sugar liquor.

Application Method

The application was carried out in accordance with a modified version of Belzona Know-How System Leaflets CEP-3 and CEP-5. A fixture was used to rebuild the extensive metal loss and maintain tolerances with the impeller.

Belzona Facts

Two housings were completed. The replacement cost for these housings would have been \$11,000. The Belzona solution was \$1,665.00, which is an 85% cost savings versus replacement.

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.

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