

Belzona repairs a vacuum pump casing and protects it against cavitation

ID: 7899

Industry: Power

Application: CEP-Centrifugal Pumps

Substrate: Bronze

Products: * Belzona 2311 (SR Elastomer) ,
* Belzona 2141 (ACR-Fluid Elastomer) ,

Customer Location: France

Application Date: March 2012

Problem

The casing of this pump was exposed to a severe cavitation causing important damages and perforations after only a few months.



Photograph Descriptions

- * 1- Overview of the equipment ,
- * 2- Zoom on the damages ,
- * 3- Final application ,

Application Situation

Part of a casing on a vacuum pump

Application Method

Application was carried out using a modified version of Belzona System Leaflet CEP-7

Belzona 2311 was first used to rebuild the damaged area, then Belzona 2141 was used to protect the whole application against cavitation.

Belzona Facts

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
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The replacement of this part of the pump casing is expensive but this application cost only 18% of the replacement price. Besides, the lifetime of this equipment was extended and no damages were noticed after 3 months in service.

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