Belzona repairs a vacuum pump casing and protects it against cavitation

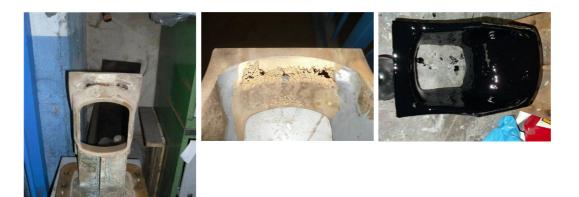
ID: 7899

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 protected 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 Management System.

www.belzona.com



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.

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

ISO 9001:2015 Belzona products are FS 695214 ISO 14001:2015 EMS 695213

manufactured under an ISO 9000 Registered Quality Management System.

www.belzona.com

