

BELZONA REPAIRS A VACUUM PUMP CASING AND PROTECTS IT AGAINST CAVITATION

ID: 7899



PROBLEM

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

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

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.

INDUSTRY

Power

LOCATION

France

APPLICATION DATE

March 2012

PRODUCTS

Belzona 2311 (SR Elastomer)

Belzona 2141 (ACR-Fluid Elastomer)

SUBSTRATE

Bronze

PHOTOS

1- Overview of the equipment

2- Zoom on the damages

3- Final application

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