

BELZONA PREPARES VERTICAL PUMP FOR ACID SERVICE

ID: 1339



PROBLEM

Chemical attack inside volute and on the impeller.

APPLICATION SITUATION

Vertical pumps to handle sulfuric acid

APPLICATION METHOD

Application was carried out in accordance with Belzona System leaflet CEP-3.

BELZONA FACTS

Belzonas solution for acid pumps was originally tested in 1998 on a vertical pump in contact with 93% sulfuric acid. Very satisfying results led to 5 identical pumps 4 years later being protected.

Belzona 4311, designed to withstand immersion in such aggressive chemicals, once more proved that it is a very cost effective maintenance solution for equipment.

INDUSTRY

Oil & Gas

LOCATION

Refinery, Canada

APPLICATION DATE

May 2005

PRODUCTS

Belzona 1111 (Supermetal)
Belzona 4311 (Magma CR1)

SUBSTRATE

Cast Iron

PHOTOS

1. Original pump after 5 years
2. The volute after surface preparation
3. The volute after coating with Belzona 4311
4. The impeller protected with Belzona 4311

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

