

Internal Repair and Protection of a Split Case Pump with Belzona 1341

ID: 7819

Industry: General Industry
Application: CEP-Centrifugal Pumps
Substrate: Cast iron
Products: * Belzona 1111 (Super Metal) ,
* Belzona 1341 (Supermetalglide) ,

Customer Location: France
Application Date: June 2014

Problem

The internal surface of this splitting-case pump was badly damaged by corrosion and needed to be rebuilt and protected.



Photograph Descriptions

- * Before the application ,
- * Showing the damage on the internal part of the pump ,
- * First coat of Belzona 1341 in grey ,
- * Second coat of Belzona 1341 in blue ,

Application Situation

Internal surface of a splitting-case pump.

Application Method

The substrate was first grit blasted and cleaned with acetone. Then the displacement nose was rebuilt using Belzona 1111. Finally, the whole internal surface was protected with 2 coats of Belzona 1341. The application was carried out in accordance with Belzona system leaflet CEP-3.

Belzona Facts

The advantage of the system is that a possible wear of the coating would be easily identified thanks to the 2 different colours used

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ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

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(grey and blue). Besides, the smoothness of the coating can also increase the pump efficiency.

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