

BELZONA REPAIRS AND PROTECTS ROTOR FROM EROSION-CORROSION

ID: 5321

Industry: *Fluid Flow*
Application: *FBC-Fans, Blowers and Compressors*

Customer Location: *Independence, MO, USA*
Application Date: *August 2009*

Substrate: *Cast Iron and Steel*
Products: ** Belzona 1311 (Ceramic R-Metal) ,*
** Belzona 1341 (Supermetalgilde) ,*

Problem

During the overhaul of this plant's Nash Vacuum Pump it was determined that the components were showing extreme signs of erosion and corrosion and could benefit from a Belzona renovation.



Photograph Descriptions

- * Vacuum pump recently taken out of service for repair ,
- * Pump prepped to a near white metal finish with steel slag ,
- * Technical Consultant assisting with the application ,
- * Completed application and the equipment is ready for installation ,

Application Situation

Vacuum pump rotor.

Application Method

The contracted machine shop called us as the pump customer requested Belzona. The maintenance crew were trained, assisted and shown how to complete the repair to our rigid standards. The components were rebuilt with Belzona 1311 and protected with two coats of Belzona 1341; adhering to the custom engineering guidelines published in Belzona Know-How System Leaflets FBC-2 & FBC-15.

Belzona Facts

This maintenance procedure was easily accomplished by Evolution Machine & Design under the supervision of the local Technical

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
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Consultant. Without Belzona, this pump rotor would have had to be replaced!

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