

Bush housing bonded in place with Belzona

ID: 8559

Industry:

Application: *ENC-Engines and Casings*

Substrate: *Mild steel*

Products: ** Belzona 1111 (Supermetal) ,*

Customer Location: *Scotland*

Application Date: *July 2021*

Problem

Welding was very undesirable due to the risk of heat distortion. It also would not have addressed the issue of galvanic corrosion between the two dissimilar metal parts.



Photograph Descriptions

- * 1 - Conveyor system ,
- * 2 - Surface preparation on the housing ,
- * 3 - Bushing to be bonded in place ,
- * 4 - Belzona 1111 Supermetal applied & bushing bonded ,

Application Situation

A bush housing had become oversize due to wear & corrosion. The bush was spinning whilst the machinery was in operation, this was causing further wear.

Application Method

The housing & bush were prepared using an angle grinder. Belzona 1111 (Supermetal) was then applied to both parts. The bush was then inserted & aligned.

Belzona Facts

By utilising the Belzona repair the machinery was running again the next day with no risk of heat distortion during the repair

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

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