

BELZONA REPAIRS AIR HANDLING EQUIPMENT

CUSTOMER

Missouri, USA

APPLICATION DATE

July 2006

APPLICATION SITUATION

Bearing seized for air handling equipment.

PROBLEM

One of the bearings on this office building's air handler system failed and severely gouged into the fan's shaft. The cooling system was nearly crippled with a triple digit, Midwest July heat.

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 9411 (Release Agent)

SUBSTRATE

Steel

APPLICATION METHOD

The shaft was supported and the pillow block was removed, exposing the damaged area. A suitable former was treated with Belzona 9411 and the bearing surface was roughened and degreased. Belzona 1111 was mixed and applied, then the form was clamped in place. After a short cure, a new bearing was installed and the air handler was placed back on-line. The application was carried out in accordance with Belzona Know-How System Leaflet MPT-2.

BELZONA FACTS

The bearing seized after business hours the night before. The maintenance staff knew about Belzona's emergency shaft repair so they called the local Belzona Distributor/Consultant for a repair the next morning.

PICTURES

1. Air handler fan threw a bearing in the early a.m.; building without conditioned air for over 12 hours.
2. Customer secured the shaft for early a.m. repair.
3. Belzona repair completed before 6:00 a.m.
4. Completed application of shaft and ready to return to service that morning.



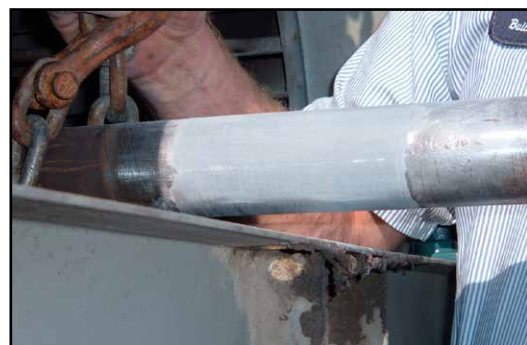
1.



2.



3.



4.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



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