

BELZONA REPAIRS AIR HANDLING EQUIPMENT

ID: 5322



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.

APPLICATION SITUATION

Bearing seized for air handling equipment.

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.

INDUSTRY

Heating, Ventilation & Air Conditioning

LOCATION

Missouri, USA

APPLICATION DATE

July 2006

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 9411 (Release Agent)

SUBSTRATE

Steel

PHOTOS

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.

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

