

SERVICE LIFE EXTENDED: FLYING ASH IS NO PROBLEM FOR BELZONA

ID: 391



PROBLEM

Severe wear

APPLICATION SITUATION

Fly ash fan moves fly ash from a lower hopper into one at an upper level of the plant.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflets FBC-2 and FBC-5.

BELZONA FACTS

The fan impeller had a life expectancy of 3 months and costs \$1,300. The housing had a life expectancy of one year and costs \$3,000. After one year of service following the Belzona application, the fan was opened up and inspected. The impeller was 90% perfect and the housing was 100% perfect. The impeller was re-coated in June 2003, the housing remains perfect. This application has saved the customer over \$15,000 in less than two years.

INDUSTRY

Power

LOCATION

Power Company in the Southwest U.S.A.

APPLICATION DATE

August 2001

PRODUCTS

Belzona 1812 (Ceramic Carbide FP)
Belzona 2121 (D & A Hi-Coat Elastomer)

SUBSTRATE

Steel

PHOTOS

1. Worn fan casing damaged from abrasive particles is rebuilt and protected with Belzona 1812.
2. Fan impeller is coated with Belzona 2121.
3. The crew is happy with their work.

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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