

BELZONA PROTECTION FOR GEARBOX INTERNAL

ID: 926



PROBLEM

Internal protection required by client to ensure long service life. Previous coatings had failed prematurely causing bearing failure and oil seal damage.

APPLICATION SITUATION

Fifteen ton gearbox from ball mill used to pulverize coal.

APPLICATION METHOD

The application was carried out in accordance with the Belzona Know-How System Leaflet TCC-5. Special attention was paid to surface preparation, particularly with regard to removing all impregnated oil and achieving correct grit blast profile.

BELZONA FACTS

Decision to use Belzona was based on testing that demonstrated its toughness and resistance to hot oil. Previous use of the product in military gearboxes was another key factor for client.

INDUSTRY

Power

LOCATION

Power Station, UK

APPLICATION DATE

February 2007

PRODUCTS

Belzona 5891 (HT Immersion Grade)

SUBSTRATE

Cast iron

PHOTOS

1. Bare gearbox in workshop
2. Application of Belzona 5891 underway
3. Application complete
4. Assembled gearbox ready for service

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.

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