

Belzona Restored and Protected the Oil Sealing Surface of Wind Turbine

ID: 9607

Industry: *Power*
 Application: *FBC-Fans, Blowers and Compressors*

Customer Location: *Yunnan, China*
 Application Date: *August 2023*

Substrate: *Carbon steel*
 Products: *Belzona 1311 (Ceramic R-Metal)*

Problem

The oil sealing surface of a wind turbine at the wind farm were worn out and needed to be repaired.



Full view of wind turbine



Sealing face before repair



During application



Application finished

Application Situation

The operating temperature was ambient. Wind farms were very windy and the sealing surface of the wind turbine was heavily abraded.

Application Method

The application was carried out in accordance with Belzona Know-How leaflets FBC-05. Surface preparation was carried out by grinding with an angle grinder, followed by repair and protection of the sealing surfaces with Belzona 1311.

Belzona Facts

After four months of use, no leaks were seen in the inspection and the client was very satisfied with the results. This solution greatly reduced the cost of replacement for the client, as well as downtime.

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

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

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