

SHAFT REPAIR ON SCREW CONVEYOR

ID: 8933



PROBLEM

The customer had a bearing failure which resulted in severe metal loss on the shaft.

APPLICATION SITUATION

The alternative if replacement would have required full disassembly, roof removal, crane work, new fabrication and new installation. This would all lead to added downtime and added cost because of the downtime and the parts replacement.

APPLICATION METHOD

A mold was fabricated by the mill and the injection of fluid material. Belzona 1321 was chosen and approved by the customer. This was done by guidance of the proper Belzona Application Know How document for this application, MPT-02.

BELZONA FACTS

The customer has trusted Belzona repairs for years and was thrilled with the result. Cost savings were >50K vs the alternative repair method.

INDUSTRY

Pulp & Paper

LOCATION

Crofton, BC

APPLICATION DATE

January 2023

PRODUCTS

Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Carbon steel

PHOTOS

1. Damaged shaft
2. Surface prep in progress
3. Mold in place and injection of Belzona 1321 Ceramic S Metal complete
4. Completed repair

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

