

Belzona Rebuilds and Resurfaces Ships Tail Shaft

ID: 9357

Industry: Marine
Application: SOS-Ships and Offshore Structures

Customer Location: Ontario
Application Date: March 2022

Substrate: Carbon steel
Products: Belzona 1111 (Super Metal), Belzona 1331, Belzona 9111 (Cleaner Degreaser)

Problem

A local shipping company on the Great Lakes was experiencing erosion and corrosion issues on a tail shaft. The company approached Belzona and asked for a solution and cost for a cold apply application.



Shaft preparation completed for rebuilding



Belzona 1111 application finished and ready for machining



Application of Belzona 1331 second coat



Shaft repair areas waiting on cure times so the machine shop can machine to the correct measurements.

Application Situation

The tail shaft from a shipping company on the Canadian side of the Great Lakes was in need of a quick turnaround.

Application Method

Preparation was carried out using hand tooling, cleaned using Belzona 9111 as per the Instruction For Use (IFU) the products, Belzona 1111 was used for rebuilding and Belzona 1331 was used for a protective coating for it offers erosion and corrosion resistance and can be applied with a heavy single coat without sagging.

Belzona Facts

The shaft was recovered back to serviable condition within one day to insure the vessel was not delayed for the beginning of the shipping season.

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

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