

BELZONA CORRECTS OVERSIZED KEYWAY

ID: 283

Industry: Pulp & Paper
Application: MPT-Mechanical Power Transmission

Customer Location: Paper Mill in Washington State U.S.A.
Application Date: Summer of 1988

Substrate: Steel
Products: * Belzona® 1111 (Super Metal) ,

Problem

This lumber decker keyway takes a tremendous beating because of cyclic loading. Because of the start-stop characteristics, the keyway housing became oversized.



Photograph Descriptions

- * The equipment prior to the application ,
- * The keyway has been repaired ,
- * The material has cured and the equipment is ready for service ,

Application Situation

Mechanical keyway used to control residence time of the decker lumber.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet MPT-4. This repair was done in place without disassembly using a Belzona forming technique.

Belzona Facts

Conventional repairs would entail extended downtime because it would require the shaft assembly to be dismantled. Otherwise a new key housing could be cut, or the existing damage welded and remachined.

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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