

BELZONA EXTENDS THE LIFE OF THE SHAFT

ID: 5343



PROBLEM

The shafts in this coke shaker really take a beating. It was believed that the keyway was machined oversize by mistake. The sheave was also loose on the shaft.

APPLICATION SITUATION

Coke shaker keyway.

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet MPT-4. The keyway was formed in place using a new key. Because the shaft was also slightly undersized, it was ground as well. Belzona 1111 was applied all the way around the shaft and the sheave was replaced, centering the key.

BELZONA FACTS

Normally a shaft will only last a few months. This shaft was just installed a few days earlier. The shaft was 26' long, requiring complete disassembly to replace it. \$20.00 and Belzona 1111 saved the shaft. It was also still running 6 months later, longer than any shaft had lasted in this rough service.

INDUSTRY

General Industry

LOCATION

MT, USA

APPLICATION DATE

1986

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Steel

PHOTOS

1. Showing the wear on one side of the keyway
2. Key in place and Belzona 1111 on the shaft
3. Completed application and equipment reassembled, ready to shake

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