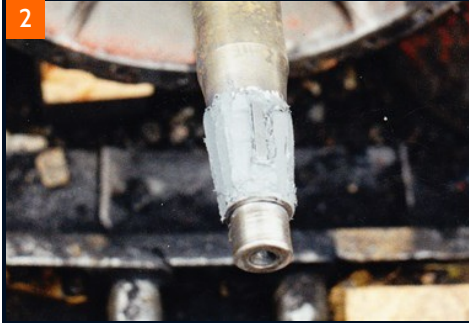


BELZONA REPAIRS AND PROTECTS TAPERED SHAFT

ID: 5345



PROBLEM

The tapered final drive shaft keyway was worn oversize and the shaft was worn down.

APPLICATION SITUATION

Bull dozer final drive shaft.

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet MPT-4. The keyway and tapered shaft was ground to roughen the surface. Belzona 9411 was applied to the new key and the new hub. Belzona 1111 was applied and the hub was mounted in place to center the key. The excess of Belzona 1111 was removed. After the cure, the machine was reassembled.

BELZONA FACTS

Replacing the shaft would require complete disassembly. A new shaft was not available.

INDUSTRY

Mining & Quarrying

LOCATION

Kettle Falls, WA, USA

APPLICATION DATE

1984

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 9411 (Release Agent)

SUBSTRATE

Steel

PHOTOS

1. Tapered drive shaft showing wear on the keyway
2. Shaft and keyway prepared and Belzona 1111 applied
3. New tapered hub in place centering the key
4. Bull dozer partially disassembled

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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