

BELZONA REPAIR TO SHAFT AND KEYWAY OF DIESEL ENGINE TEST DYNAMOMETER

ID: 446



PROBLEM

The tapered coupling and keyway were damaged on the main power input shaft.

APPLICATION SITUATION

Dynamometer used to measure engine power output

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflets MPT-2 and MPT-4. A former was used to restore tapered shaft profile and at same time locate the keyway correctly.

BELZONA FACTS

Both ends of shaft repaired without having to dismantle the equipment.

INDUSTRY

General Industry

LOCATION

Engine repair facility in Egypt

APPLICATION DATE

April 2003

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Steel

PHOTOS

1. The damaged shaft and keyway
2. Application of Belzona 1111 to the former
3. Former being clamped onto the shaft
4. Both ends of shaft rebuilt

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

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