

# Pump Shaft Repair

ID: 9718

Industry: Fluid Flow

Customer Location: Spiliotopoulou 7, Agia Sofia, 18545, Piraeus, Greece

Application: FBC-Fans, Blowers and Compressors

Application Date: December 2024

Substrate: Carbon steel

Products: Belzona 1131 (Bearing Metal)

## Problem

One of the pump shafts in the machinery shop showed damage near the sealing area. Following our initial consultation, they ask for guidance on how to fix it without having to replace it. Because of its self-lubricating qualities, Belzona Bearing Metal 1131 was recommended.



Shaft Initial Condition



Surface prepared



Bearing Metal Application



Complete repair

## Application Situation

Belzona provided the client with a quick and reasonably priced repair. Both the end user and the workshop were quite happy with the result.

## Application Method

Workshop execute the FBC-12 procedure from the System Leaflets. A lathe was used for the surface preparation and the undercut of the excess material.

## Belzona Facts

Belzona saved the customer from shaft replacement.

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ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

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