

BELZONA SAVES FISHING BOAT COOLING-WATER CIRCULATING PUMP

ID: 7678



PROBLEM

Cooling-water circulating pump, totally damaged by cavitation.

APPLICATION SITUATION

31 year old damaged pump.

APPLICATION METHOD

Application was carried out in accordance with Belzona system leaflet CEP-3. The pump and impeller prepared by gritblasting. Damage in the pump and impeller was rebuilt with Belzona 1311 and coated with Belzona 1321. The impeller was balanced and pump rebuilt with original parts.

BELZONA FACTS

It was impossible to buy a new pump, because these pumps were no longer manufactured. If the Customer bought a new pump then they would of had to buy several more new pieces of equipment downstream of the pump. The Belzona solution avoided these costly measures and will extend the service life of the pump.

INDUSTRY

Fluid Flow

LOCATION

Fishing Company, Netherlands

APPLICATION DATE

December 2017

PRODUCTS

Belzona 1311 (Ceramic R-Metal)

Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Bronze

PHOTOS

1. Damaged pump casing.
2. Pump repaired and coated.
3. Damaged impeller.
4. Impeller repaired and coated with Belzona.

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