

BELZONA RESTORES HUGE DYNAMOMETER

ID: 3116

Industry: Marine

Application: CEP-Centrifugal Pumps

Substrate: Cast iron

Products: * Belzona® 1121 (Super XL-Metal) Belzona® 5811 (Immersion Grade) Belzona® 1321 (Ceramic S-Metal) ,

Customer Location: Marine Engine Manufacturer, Croatia

Application Date: 2011

Problem

Long years in service and chloride attack degraded the surface profile of the dynamometer.



Photograph Descriptions

* Impeller Casing clearly showing degree of erosion present Protected impeller Protected casing ,

Application Situation

Hydraulic dynamometer used for engine tests.

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflets CEP-1, CEP-3 and CEP-5. After the profile of the impeller and the casing had been rebuilt with Belzona® 1121, the whole dynamometer was protected with Belzona 5811. Finally Belzona® 1321 was used for extra protection for the casing and impeller blades.

Belzona Facts

The customer was very pleased that Belzona repair saved them from a very costly part replacement. Total savings was one million GBP.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

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