BELZONA IMPROVES EFFICIENCY OF A FIRE TRUCK

ID: 5662

Industry: Transport

Application: CEP-Centrifugal Pumps

Substrate: Cast iron

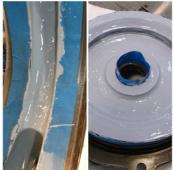
Products: * Belzona 1311 (Ceramic R-Metal),

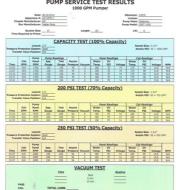
* Belzona 1341 (Supermetalglide),

Problem

Cavitation on the cut-water in the pump.

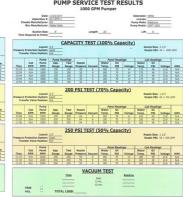






Customer Location: Northeastern Washington, USA

Application Date: July 2015



Photograph Descriptions

- * Cavitation damage / Repaired cavitation damage,
- * Coated cut-water / Coated end plate ,
- * Pre testing from the first pump showing 1750 rpm,
- * Post testing from the first pump showing 1600 rpm,

Application Situation

Suction pump on a fire truck.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflets CEP-1 and CEP-3. The surface was grit blasted for preparation and Belzona 1311 applied to repair the cavitation damage, then Belzona 1341 was applied for protection and improved efficiency.

Belzona Facts

The alternative was to purchase a new pump for several thousand dollars. This pump was repaired and coated with US\$550 worth

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

ISO 9001:2015 Belzona products are
FS 695214 manufactured under an ISO
ISO 14001:2015 9000 Registered Quality
EMS 695213 Management System.

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BELZONA

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