

BELZONA PERFORMANCE IMPROVEMENT PROGRAM (PIP) CUTS RUNNING COSTS DRAMATICALLY

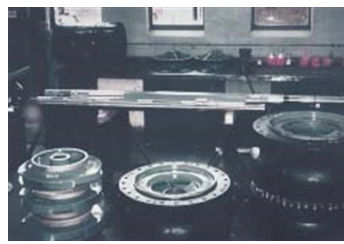
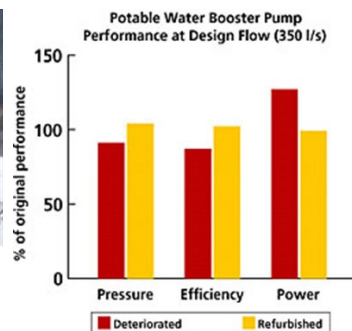
ID: 29

Industry: Water / Wastewater
Application: CEP-Centrifugal Pumps
Substrate: Cast iron / Bronze
Products: * Belzona® 1111 (Super Metal) ,
* Belzona® 1341 (Supermetalglide) ,

Customer Location: Potable Water Supply Company
Application Date: March 1995

Problem

Reduced flow and pressure coupled with motor overheating



Photograph Descriptions

- * Deteriorated pump components ,
- * Performance improvement information ,
- * The completed application following refurbishment ,

Application Situation

Submersible potable water booster pump

Application Method

The application was carried out in accordance with Belzona P.I.P. computer generated engineering specification from detailed information supplied by the end user.

Belzona Facts

The pump unit was identified for potential overhaul while still in service due to reduced output and overheating of the drive motor, a characteristic of reduced hydraulic performance. When the unit was removed and disassembled for inspection, considerable erosion had occurred on the diffuser bowls, which were also badly deteriorated from the effects of nodal growth and corrosion. By

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

www.belzona.com


BELZONA®
Repair • Protect • Improve

utilizing Belzona computer generated overhaul techniques specific to this pump type and its operating conditions, substantial savings in running costs - approximately \$55,000/year, coupled with sustained high levels of performance, increased output and long term protection were achieved.

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

www.belzona.com

