

BELZONA® 1341 SUPERMETALGLIDE IMPROVES PUMP PERFORMANCE

CUSTOMER

OEM PUMP MANUFACTURER

Vancouver, British Columbia, Canada

APPLICATION DATE

August 1996

PROBLEM

Customer required extra performance from pumps.

PRODUCTS

Belzona® 1321 Ceramic S Metal

Belzona® 1341 Supermetalgilde

SUBSTRATE

Cast iron.

APPLICATION METHOD

Application carried out in accordance with Belzona® Know-How Leaflet CEP-3

BELZONA FACTS

These pumps were part of a 45 pump contract for a Canadian inter provincial pipe line company. (Pumps were built in 2 locations –Vancouver, BC & Portland, OR. Tests on a pilot unit had shown that coating with Belzona® 1341 improved overall performance by approximately 1½ - 2%. This was considered worthwhile as it provided the extra pumping margin required by the customer. Every pump was pre- assembled tested to establish pump curve, disassembled, grit blasted , coated, and then reassembled before re-testing. In all cases performance curve had improved.

PHOTOGRAPHS

1. Pump casing grit blasted and ready for application of 1st of 3 coats. 1st coat applied was Belzona® 1321 Ceramic S Metal.
2. Application of 2nd coat Belzona® 1341
3. 3rd and final application of Belzona® 1341

