BELZONA PROTECTS STREET SWEEPER

ID: 1349

Industry: General Industry Customer Location: Local municipality, Québec Canada

Application: SHM-Solids Handling Machinery Application Date: May 2006

Substrate: Steel

Products: * Belzona® 1812 (Ceramic Carbide FP),

* Belzona® 2111 (D&A Hi-Build Elastomer),

Problem

Abrasion on the nozzle and on the duct. Customer wanted to prevent the abrasion and impact damage.









Photograph Descriptions

- * Example of a Elgin vehicle with the parts,
- * Belzona® 1812 applied on the nozzle and parts,
- * The design of the busher parts receive more impact. Belzona® 1812 was able to resist perforation of the elbow. ,
- * With the use of Belzona® 2111, no more wear even after 500 hours,

Application Situation

Street sweeper

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet SHM-8. Expanded metal was tack welded into position to assist rebuilding with Belzona® 1812. Belzona® 2111 found to give improved protection on high wear areas.

Belzona Facts

Without the Belzona, this equipment lasted less than 500 hours, one year's season (spring to fall). With Belzona® 1812 as a coating, inspection showed very small wear and was useable another season after some touch up. In some areas, impact was more severe and the use of Belzona® 2111 resulted in no wear after 500 hours.

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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