

BELZONA PROTECTS STREET SWEEPER

ID: 1349



PROBLEM

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

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.

INDUSTRY

General Industry

LOCATION

Local municipality, Québec Canada

APPLICATION DATE

May 2006

PRODUCTS

Belzona 1812 (Ceramic Carbide FP)
Belzona 2111 (D&A Hi-Build Elastomer)

SUBSTRATE

Steel

PHOTOS

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

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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