

BELZONA REPAIRS AND PROTECTS AN OLD VACUUM PUMP TRUCK

ID: 7813

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PROBLEM

Main tank of the vacuum pump truck had no previous protective coating. The steel substrate inside had exhibited small through pin holes and was severally corroded.

APPLICATION SITUATION

Old large vacuum pump truck for a private utility company.

APPLICATION METHOD

Application was carried out with a modified Know-How System Leaflet TCC-5. Blast cleaned the steel to achieve the American Standard near white finish SSPC-10 with an angular profile of 3 mils. Cleaned and scrubbed with a salt cleaning solution to remove salt contaminants and tested for the minimum level of chlorides. Re-blasted the substrate to remove surface flash rust before application. Applied Belzona 1212 combined with a reinforcement sheet to cover pinholes, and applied Belzona 5821 as a protective coating.

BELZONA FACTS

As an alternative to a Belzona solution, the Customer was offered to replace the holding tank or to buy a new truck. Both options were ruled out. Due to another job being done, the Customer had blasting equipment available. The application was finished in 1.5 working days.

INDUSTRY

LOCATION

Florida, USA

APPLICATION DATE

Spring 2018

PRODUCTS

Belzona 1212
Belzona 5821

SUBSTRATE

Steel

PHOTOS

1. Surface preparation by blasting.
2. Blasting of the inside of the vacuum truck.
3. Completed internal lining with Belzona 5821

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

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