



Rhino Linings®

PREMIUM PROTECTION

Project Name

Project: Caterpillar 789 Fuel Tank
Category: Impact/Corrosion resistance
Completion Date: October 2009
System: Rhino Tuff Stuff, Rhino Prime 251, Rhino Top Coat

Example of a Caterpillar 789 Haul Truck Showing the position of the fuel tank



Job Description

This Caterpillar 789 Haul Truck is part of a fleet used in the highly corrosive environment that exists on a mine site. As can be seen from the first photo, the fuel tank is situated directly behind the front wheel, acting as a mudguard it is therefore extremely vulnerable to impact and the client required the tank to have as much impact and corrosion resistance as possible.

The tank was first sandblasted and repaired prior to application of Rhino Prime 251. It was then sprayed with Rhino Tuff Stuff. The Rhino Tuff Stuff was applied to the tank at a nominal thickness of 4mm to the exterior on the lower part of the tank, reducing to a nominal thickness of 1mm then top coated in white using Rhino TopCoat.

The job was completed using a 1/4" fine texture atomizer. The extremely fast cure time of Rhino Tuff Stuff, allowed easy application to vertical and overhead surfaces.

The client was very happy with the end result and has, so far, had a further 3 tanks applicated with Rhino Tuff Stuff.

Mounting lugs were not coated due to the fine tolerances in this area.



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