



# Rhino Linings®

## PREMIUM PROTECTION

### Project Name

Project: Caterpillar 793 Fuel Tank  
Category: Impact/Corrosion resistance  
Completion Date: September 2010  
System: Rhino TUFF STUFF®, RhinoPrime 251, Rhino Top Coat

### Job Description

This Caterpillar 793 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 5,000 ltr 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 suspended by a crane, sandblasted and repaired prior to application of RhinoPrime 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. The entire tank was then painted in Caterpillar yellow.

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 clients intend to have further fuel tanks sprayed as they are removed for inspection.



**Above and Below: The completed fuel tank after Rhino and painting Caterpillar yellow**



**Left: This picture of a CAT 793 shows the position of the fuel tank.**



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