PROBLEM: Allied Energy Corporation needed a corrosion-resistant protective liner to coat the interior of a 90’ diameter tank. The tank was used to store a Trans-Mix of Diesel and Unleaded Gasoline before being processed to usable fuel.

SOLUTION: In preparation for application of PTU™, the tank was abrasive blasted to remove rust scale, allowing an API tank bottom inspection to be performed. After this inspection, the tank was re-cleaned by power washing per SSPC-SP1 Solvent Cleaning and re-blasted per SSPC-SP6 Commercial Blast Specifications. The tank was then tested for soluble salt contents. The salt level was very high and a solution was used to remove it. Once the solution was applied, it was removed by 4,000 psi power washing and the surface was retested for salts.

RESULTS: Applied Energy Corporation previously used PTU™ successfully on six storage tanks. These tanks were used to store various fuels of Bio-Diesel, Unleaded Gasoline, and Diesel Fuel with a capacity of 12,000 barrels to 54,000 barrels. The owner felt confident using the same product to provide a protective lining to coat this tank, and is very pleased with its performance.