

Innovative Insulation Solutions, Ltd

Union Pacific - Oil Recycling Tank

Union Pacific Railroad Yard Melrose Park, IL



Installer: **Martin Gudino and Oscar Espinoza**
Type of Job: **19,000 gallon Tank Insulation**
Square footage of Job: **2000 Square feet: sprayed/coated**
Equipment Used: **Gusmer HF-1600 / Gap Pro Guns**
Number of people needed for the Job: **Two man sp**
Number of days required by the Job: **Three Days**
Special Requirements: **Wind Screen and Fall Protection**
Foam and coatings used: **Gaco Western 273 Roof Foam and Gaco Flex A-30**

Project Description: Union Pacific RR has a locomotive engine oil recycling initiative. Union Pacific's Chicago rail yard has hundreds of locomotives, which produce thousands of gallons of used oil annually. Union Pacific collects the used oil, treats the oil to remove water, and then sell the treated used oil to recyclers. The recycling process always came to a stop during the winter. Union Pacific RR decided to insulate the 19,000-gallon oil collection tank with SPF, so the combination of the SPF and the heater they installed will permit the oil recycling to continue year around.

Benefits of using Foam: SPF insulation was chosen to insulate the tank, since it was the only way to insulate the tank in an effective manner. No other method would achieve their goal of allowing the oil recycling process to continue through the winter. The SPF was able to conform to all the unusual and irregular surfaces of the tank. We were also able to insulate the tank in a very short period of time – sprayed and based coated in one day – two more days for the topcoats.

*Spray Foam 2008
Hilton Torrey Pines
March 14-17, 2008*

Industry Excellence Awards
Category: Tanks and Vessels