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UNICOAT UI 7500 FLOTATION FOAM 2 CASE HISTORIES

March, 2009

Diesel storage terminal, greater Houston area

Problem:

Horton type floating roof on a 290' diameter tank filled with diesel – leaks in the 3rd ring – diesel fuel up to 12" deep in some places. The roof sunk in its sister tank during a heavy rain the week before – both had just come out of API inspection.

Solution:

All rings and pontoons were re-inspected and no further leaks were found. It was decided that only the leaking ring would be filled with UI 7500 Flotation Foam. Since there was no alternative tank to pump the diesel into, the tank would be repaired while in service. In addition to the 5 manways, holes were cold cut into the top to allow for more foam injection ports.

Despite a severe heat wave - temperatures in Houston of over 100° F, approximately 108 drums of the UI 7500 were installed. At the one year post job inspection – the foam was determined to be working perfectly.

December 2008

Refinery, Utah

Problem:

Several pontoons on a floating roof gasoline storage tank were found to be leaking. The owner was afraid that a heavy snowfall on the roof may cause it to sink.

Solution:

Several drums of UI 7500 Flotation foam, a pump system, and a Tech Service Rep were rushed to the Utah facility. The Unicoat foam was successfully installed in the pontoons, stopping the leaks while the tank was still in service. Although it was snowing and the outside temperature was never above 20° F, the repairs only took a few hours.