



CASE HISTORY ~ CH-068

SINK-NOT 350 PROTECTS FLOATING ROOF PONTOONS IN CRUDE OIL STORAGE / TRANSFER FACILITY



THE CHALLENGE:

A large crude oil transfer facility that caters to supertankers had recently lost the use of a 300 foot diameter tank as a result of its floating roof sinking. This caused serious damage to the tank floor as well as the roof itself.

The loss of this tank for an extended period caused both operations disruption as well as loss of fees. Upon inspection, more leaks were found in some of the remaining 300 foot and 260 foot tank pontoons. It was important to fix these leaks without taking the tanks out of service.

THE SOLUTION:

SINK-NOT 350 was an obvious repair choice since emptying the remaining tanks and then gas-freeing them for hot work was not an option. **SINK-NOT** installation equipment is pneumatically operated with no electrical requirements so it is possible to use it on storage tanks in service.

A total of seven large crude oil storage tanks were permanently protected from roof sinking using a total of ten container loads of the **SINK-NOT 350** resin.

APPLICATION:

Flooded pontoons were pumped out as completely as possible and the flotation foam was injected using a 1/1 volume ratio plural airless pump.

The **SINK-NOT 350** formula has the ability to “sweep up” residual contamination such as diesel fuel or crude oil without adversely affecting its properties.

Experienced contractors performed a “flawless” installation one month ahead of schedule with no safety or operational issues.

SINK-NOT 350:

- * 2.5 lb closed cell custom polyurethane foam
- * 1/1 volume ratio for simple, precise control
- * Permanently resistant to all hydrocarbons
- * 25X expansion ratio with slow rise to completely fill pontoons and to seek out and seal leaks.

SINK-NOT 350 has been tested over ten years in direct contact with commodities such as 10% ethanol/gasoline and has been shown to be completely resistant to all hydrocarbons.

RESULT:

Many years after the installation, there have been no flotation issues with any of the seven tank roofs.

PRODUCT: SINK-NOT 350 YEAR: 2007 LOCATION: CARIBBEAN

We go where others fear to spread!