



RECONECO^{INC.}

The Truck Stop Valve pays for itself in under 20 seconds

20 seconds is the amount of time a tanker trucks bowie pump needs to suck on enough oil (when hauling water to the disposal) at today's prices to pay for the valve. This is a very common, and now 100% preventable situation.

Water Risers

A Truck Stop Valve is fitted on the riser that retains a ball that floats on water, yet sinks through oil, vertically facing the top 1/4 inch flat plate upwards. As the truck sucks on fluid at upwards of 2.5 m³ per minute the ball floats allowing fluid to load. As the interface is lowered within 6 inches of the top of the riser, the ball slams shut not allowing anymore fluid kicking the truck pump into neutral. Out of the last 2.5 m³ left above the riser, 1.5 m³ may be loaded at a slower rate if needed.

Oil Risers & Crossovers

The Truck Stop Valve is hung off the riser with two 90's welded on, facing the 1/4 inch plate down. As your water level rises this prevents loading of a mixed load off the oil riser. Oil will not be allowed to be loaded until the water level is lowered. It also prevents water from going into the sales tank when installed on the crossover riser or oil in your Enviro Vault when on test taps.

Example

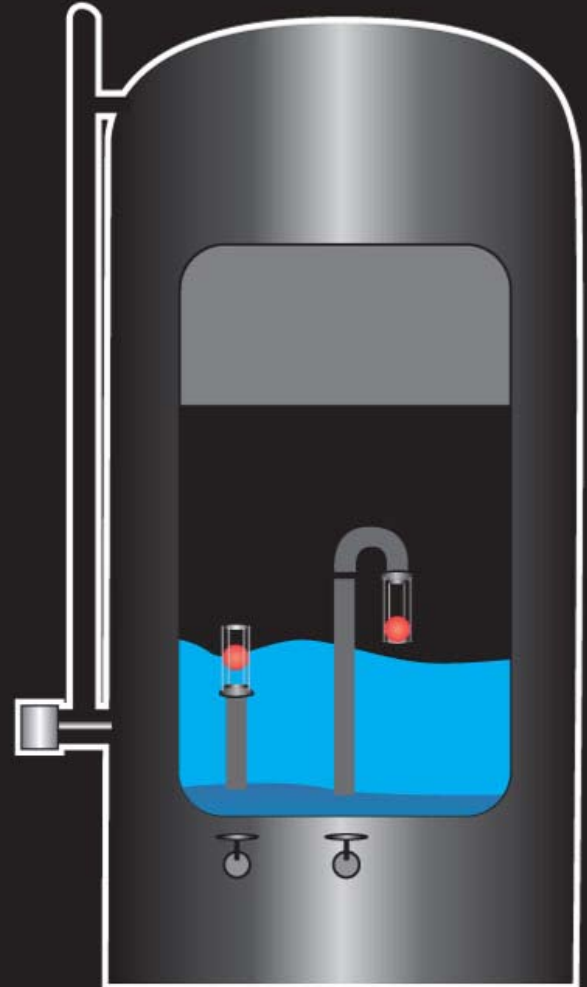
Your test tap at the 3 ft. may have zero flow due to sand. Your 5 ft. may have water. If there is no fluid coming out of any risers higher than that there is oil at those taps. This fills your containments slower, saving you oil and reducing the need for a Vac Truck to clean out Enviro Vaults.

Testing

Rigorous tests have been done on the Truck Stop Valve with tanker trucks, pressure trucks and vacuum trucks. Even at twenty-two PSI of vacuum which loads at about 1.5 m³ per minute, the Truck Stop Valve stayed open until the ball was two inches off bottom leaving 2.5 m³ of free water above the riser taking 0% of the tanks oil.

Advantages

- Less oil in Enviro Vaults
- Eliminates oil being hauled to water disposals
- Blow back into tanks diverted not to stir up oil
- Ball and top plate prevents vortex pulling oil into water
- Prevents oil getting into pump at disposal site



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