



Tank Sludge Remediation Case Study PARALAX®

The client had an inline sludge tank with a 20,000 liter capacity. The sludge had solidified and was about 5% of the storage capacity of the tank or about 900-1000 liters of solid sludge.

Before treatment pictures:



They had tried 3 other chemical mixtures. They consisted of the most popular sludge remediation products on the market. None of them had any effect on the sludge at all.

Next they premixed a solution of 10 liters of PARALAX® with 100 liters of diesel. They let it sit for one hour then added the mixture to the tank. The mixture then soaked with the sludge for 5 hours. After soaking the sludge had liquefied so the pumps were turned on and circulated the slurry mix for one hour. After one hour the spigot on the tank was opened and what came out was a black liquid. When all was drained a scope camera was used view the inside of the tank. All that was left was sand. The sand was vacuumed out and the tank was now clean. What the client ended up with was:

- 1) 600 liters of reclaimed oil.
- 2) 400 liters of sand
- 3) 100 liters of water slurry

The whole process took about 7 hours. PARALAX® has no effect on the oil that was in the sludge so all that oil is reclaimable. Our conclusion is we can accelerate the process of cleaning the sludge in any tank. All the hydrocarbons are reclaimable so your true cost will be lower for these reasons:

- 1) You reclaim all oil
- 2) You only have to dispose of inert sand.
- 3) Your time to clean sludge is much faster than standard methods.

After treatment pictures:





OILCONTROL

The conclusion of the treatment when finished a vacuum was used to clean the sand out and they now had a completely clean tank with no sludge. The client is now working on a project to clean 10 - 250,000 gallon tanks. The oil recovered is full refinable. So you are also gaining the profit from the recovered hydrocarbons. The sand is so clean you can dispose of it in a land fill. The time to clean these tanks is much faster than enzyme related methods and your end products are much easier to dispose of. This can also be used in rail cars, tankers and anywhere you have sludge that needs to be remediated. You can use PARALAX® to maintain a sludge free environment in your tanks, rail cars, tankers and trucks. Ask us how.

