

# Alchemia sludge removal services eliminate 324 tons of catalyst fines, saves \$680K over conventional tank cleaning operations

## CHALLENGES

- Ten feet of catalyst fines reduced storage capacity in heavy fuel oil (HFO) tank
- Short FCC turnaround time provided a small window to remove catalyst fines from the tank
- Conventional cleaning methods require cutting, mechanical removal, and temporary storage—resulting in added time and expense

## SOLUTION

The [Alchemia™ sludge removal](#) was selected to remove catalyst fines, without cutting, with features including:

- Unit-specific cleaning procedures developed with the tank owner
- Proven chemical cleaning products that solubilize fines and pump them out of the tank
- Environmentally sound waste processing procedures to allow safe disposal of recovered fines

## RESULTS

**\$680K**

saved by replacing conventional catalyst fines removal methods

**324 tons**

of catalyst fines removed

**Four days**

required to remove catalyst fines, a significant time savings over mechanical removal methods