



## THE CHALLENGE

Cleaning Smart PIGS are tedious and consumes a lot of chemicals and water. There is a risk of damaging the sensors with high pressure water using conventional methods, which is extremely expensive to repair. Traditionally, the time required to clean PIG assets ranges between 4 and 8 hours.

As these are critical and expensive assets, the client demanded faster turn around as regular inspections needed to be completed on a higher number of assets. High stand-by costs accumulate for these assets.

## BEFORE: HEAT EXCHANGER SPECIFICATIONS

Type of Asset: Smart PIG

Size: 8" x 36"

Fouling / Process: Hydrocarbon

## THE SOLUTION

First, we tested and verified material composition to ensure compatibility with our process and solvent. We then submerged the Smart PIG in our proprietary solvent in one of our commercial tanks which was built to service hydrocarbon fouling on mid to small components.

Our gentle but effective process eliminated the risk of damage to expensive parts and cleaned it in a fraction of the time.

## AFTER: BENEFITS & RESULTS

Time Cleaned: 20 minutes

Est. Time Saved: 5.5 man hours

- ✓ No water was consumed and no expensive chemicals were disposed of afterwards