**Design Profile**

**Sludge Treatment – Tank Cleaning Onshore & Offshore**

**Client:** Various  
**Project:** Sludge Treatment  
**Scope:** N/A  
**Date:** Ongoing  
**Manhours:** TBA  
**Location:** Global

**Project Description**

Vision Petroleum Malaysia (ViP) is a Chemical Technology based company offering the Oil and Gas Industry’s only engineered chemistry crude recovery solution. ViP have many years of experience servicing Malaysian based Oil Producers. ViP and Irvine have got together to market this service globally.

- Guaranteed safe and rapid sludge removal, typically ~4 weeks!
- The formulation itself maximises sludge breakers interaction with the sludge.
- Maintains fluidity of the sludge, creating processible crude.
- Assist with surfactant dispersion & penetration.
- Minimizes and prevents wax formation.
- No toxic byproducts, leaves wet solids for easy disposal.
- Typical conventional acid based sludge removal systems:
  - Health & safety risks are high for personnel and facilities (long term exposure to tanks and ignition risks).
  - Quality and amount of any recovered oil is unknown, a lost resource and revenue to producers.
  - Storage tanks out of commission, typically ~12 to18 months.
  - Solids in sludge (sand) requires further cleaning/treatment.
  - Water from sludge requires further treatment.
  - A personnel and equipment intensive operation.
  - Is an expensive and timely operation to the producer/operator.

**Vision Petroleum & Irvine Scope**

A rapid 98% oil from sludge removal system with minimal sand solids remaining.