

PowerPickle

PowerPickle is a blend of solvents that dissolves hydrocarbons residues such as wax, asphaltenes and other hydrocarbon residue. **PowerPickle** is also a powerful de-emulsifier that will break up any emulsion blockage that may be occurring. It can de-emulsify sludges with no emulsified interface. It is designed to be user friendly so that it is safe to use and dispose of.

APPLICATIONS

1. Wellbore clean-ups
2. Dissolving wax, asphalt and other hydrocarbon residues
3. Oil sludges and tank bottoms
4. Separation of oil sludges
5. Dissolving emulsion blockages
6. Used to clean up pipe dope and other debris in gravel packs

PowerPickle can be used subsurface on oil wells that have wax, asphalt and other hydrocarbon blockages. It can be used successfully in cleaning out injector wells that show decreased injectivity due to hydrocarbon blockages. On oil sludges, tank bottoms and other waste hydrocarbon deposits it can be used successfully to break down and separate the material into solid/oil/water phases.

PowerPickle is also designed specifically to help operators to reduce well cleanup times, minimize operational downtime and maximize production from drilling sites. **PowerPickle** removes hydrocarbons, oil based materials, pipe dope, asphaltenes, and wax from metal surfaces. It can be used as a concentrate or diluted to displace OBM/SBM's from the wellbore prior to introducing a completion fluid.

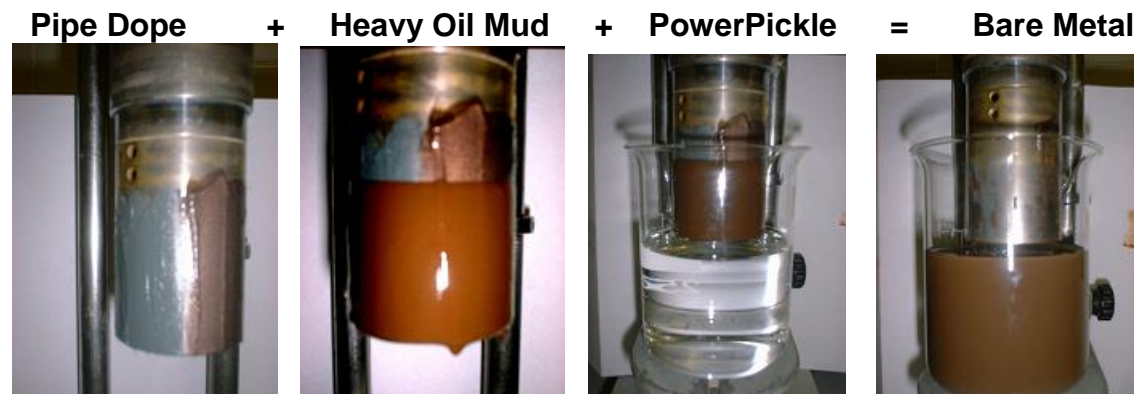
PowerPickle is also specially selected to be effective at dissolving and dispersing pipe dope prior to well stimulations and gravel packs. Unless it is removed, the pipe dope is scoured by the gravel pack sand and fracturing fluids and could adversely affect the production of the well.

PowerPickle has the ability to displace the organic surfactants that hold the pipe dope together and release the oil wetted solid fillers. Independent laboratory tests have confirmed that the product works efficiently and quickly on a wide range of pipe dopes and is even more efficient than conventional products such as xylene.

PowerPickle is used in oil based mud displacements whether they are formulated with mineral oils or the new generation of pseudo oils such as esters, ethers, and polyalphaolefins. It effectively removes the very persistent viscous "sludge" which is formed when residual oil based mud is contacted with water so is used as a de-emulsifier in sludges.

WellTech

Typical **PowerPickle** lab analysis removing Pipe Dope/Heavy Oil Mud



PowerPickle is designed to be user friendly so that it is safe to use and dispose of. It contains no aromatic hydrocarbons or chlorinated hydrocarbons, is classed as nonflammable and is biodegradable.

PowerPickle was gold banded in the OCNS CEFAS system in the UK, the best environmental rating possible, but under a different name. The Offshore Chemical Notification Scheme (OCNS) is managed by the Centre for Environment, Fisheries & Aquaculture Science (CEFAS) in the United Kingdom.

PowerPickle is packaged in 200 liter drums, 4 to a pallet.