

## PowerPickle

**PowerPickle** is designed specifically to help operators to reduce well cleanup times, minimize operational downtime and maximize production from drilling sites. **Power Pickle** 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.

**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** is gold banded in the OCNS CEFAS system, the greenest environmental category.

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

**Pipe Dope + Heavy Oil Mud + PowerPickle = Bare Metal**

