WELLBORE CLEANUP & DISPLACEMENT PRODUCT

TETRASOL PIPE DOPE REMOVER PLUS

TADS Displacement System

OVERVIEW

TETRASol Pipe Dope Remover (PDR) Plus is a blend of natural terpenes effective in removal of pipe dope, paraffin and asphaltenes from wellbore tubulars. This product is used for clients in the Eastern Hemisphere.

Oilfield pipe dope generally contains base oil, a metal soap viscosifier, and a solid lubricant. Traditionally, the solid lubricant used is a soft metal powder such as lead or copper. Newer, environmentally friendly, pipe dopes can cause severe formation damage or impede the operation of completion equipment. Hence, the removal of pipe dope residues from drill pipe is an essential operation during well clean up.

Paraffin and asphaltenes can build up as deposits in the wellbore, resulting in a gradual decrease with time. Removal of these compounds can be critical in enhancing well productivity.

APPLICATIONS

Pipe Dope Removal: TETRASol PDR Plus can be used alone or as a pre-flush during pipe pickling operations. In pickling operations, TETRASol PDR Plus should be pumped ahead of the hydrochloric acid.

Paraffin and Asphaltene Removal: TETRASol PDR Plus can be used to dissolve many paraffin and asphaltene compounds. It is generally used alone as a concentrated solvent.

FEATURES AND BENEFITS

- Highly effective solvent for polar and non-polar components within all commonly used pipe dope formulations and with many paraffin and asphaltene compounds.
- Compatible with hydrochloric acid used in pipe pickling operations.
- Poses minimal health risk to personnel.
- Environmentally acceptable in the North Sea.
- Derived from a renewable source.

PHYSICAL PROPERTIES

Appearance
Colorless to straw-colored liquid

Specific Gravity
0.84 @ 68°F (20°C)

Water Solubility
Insoluble

PACKAGING INFORMATION

- **1000 liter IBC**
- **20 liter drums**
- **55 gal steel drum**

RECOMMENDED TREATMENT

- TETRASol PDR Plus should be pumped to almost the bottom of the drill string, and then the material is reverse circulated back out.
- Contact time required is typically only a few minutes.
- Laboratory testing can be used to confirm the optimum contact time for a specific pump rate and drill string internal diameter.

SAFETY AND HANDLING

- Refer to the Safety Data Sheet for specific details.

Contact us to learn more at: www.onetetra.com