



TETRASol Pipe Dope Remover

TDSP DISPLACEMENT SYSTEM

Overview

TETRASol Pipe Dope Remover (PDR) is a blend of natural terpenes effective in the removal of pipe dope from the inside of drill pipe. 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.

Features and Benefits

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

Application Information

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

Technical Specifications

Physical Properties

Appearance	Colorless to straw-colored liquid
Specific Gravity	0.84 - 0.87
Flash Point	116°F (47°C)
Water Solubility	Insoluble

Packaging Information

55 gallon drum

Recommended Treatment

TETRASol PDR should be pumped to almost the bottom of the drill string, and then reverse circulate the material 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

Avoid skin and eye contact, inhalation or ingestion. For skin contact, wash with soap and large quantities of water. For eye contact, flush with large quantities of water. Use properly designed respirator if adequate ventilation is not available. Refer to the Safety Data Sheet for specific details.

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