

## HTPT Thinner

HTPT thinner deflocculant is used as a thinner and conditioner for oil-base muds and has application in all systems. It reduces viscosity and gel strengths through the action of macro-molecules which deflocculate solids in the mud without the need for dilution or changing the oil-to-water ratio.

### Characteristics & Property

Physical Appearance	Dark Black, Viscous Liquid
Specific Gravity	0.80 - 0.85
Flash Point	111°F (44°C) (PMCC)
Pour Point	15°F (-9.4°C)

### Applications

HTPT Thinner is a thinner and fluid conditioner for oil-base muds with high viscosity and gel strengths caused by a high content of colloidal solids. It reduces viscosity and gel strengths through the action of macro-molecules which deflocculate solids in the mud without the need for dilution or changing the oil-to-water ratio when volume increases are undesirable.

Typical HTPT Thinner treatments range from 1 to 2 lb/bbl (2.85 to 5.7 kg/m<sup>3</sup>) or 14 to 28 gal/100 bbl (3.3 to 6.6 l/m<sup>3</sup>). Pilot testing is recommended prior to treating the system in order to determine the required concentration and effectiveness of HTPT THINNER. The product should be added slowly to the system over one complete circulation to ensure an even distribution of the treatment.

### Advantage

Easy-to-mix, fast-acting liquid thinner.  
Wide application in all oil-base systems.  
Compatible with all oil-base additives.

### Limitations

Avoid overtreatment with HTPT THINNER. If barite settling is observed, barite suspension capacity.

May not provide long-term viscosity reduction; over a period of time or through the incorporation of additional drill solids, viscosity and gels may return to original levels.

Environmental restrictions concerning the use of oils and oil-base fluids should be considered since HTPT THINNER is used in conjunction with oil.

### Toxicity & Handling

Bioassay information is available upon request. Handle as an industrial chemical, wearing protective equipment and observing the precautions as described on the Transportation and Material Safety Data Sheet (MSDS). Avoid exposure; HTPT THINNER contains mineral oil which is an irritant to eyes, skin and respiratory system.

### Packing & Storage

HTPT THINNER is packaged in 55-gal (208.2-l) drums and 5-gal (18.9-l) cans. Store in a cool, well-ventilated area away from heat, sparks and flame. Keep containers closed and tightly sealed.