

## LUB KPT 1300 A

**Product Description** LUB KPT 1300 A is a uniquely blended oil soluble lubricant with an extremely high attraction to metal surfaces. This (polar) attraction increases the efficiency of LUB KPT 1300 A as it initially adheres to metal instead of other surfaces such as drill solids. This metal affinity allows the bottom whole assembly and drill pipe to coat much quicker than standard water-soluble lubricants. This allows for a more effective and efficient lubricant.

**Application** Drilling lubricant LUB KPT 1300 A was created to reduce the coefficient of friction that exists between the pipe and the well bore. The stacking of weight in a highly deviated hole can be reduced and more weight transferred to the bit, which in many cases increase ROP and decreases torque and drag.

### Typical Properties

COMMON NAME	Blended oil	CHEMICAL FORMULA	Proprietary
APPEARANCE	Dark Brown Liquid	SOLUBILITY IN WATER @ 20°C	Dispersible
SPECIFIC GRAVITY AT 25°C, APPROX	0.85	FLASH POINT	Above 80 °C
pH AT 25° C	7-8	POUR POINT	Below 80 °C

**Dosage** LUB KPT 1300 A should be used at an initial concentration of 1 - 3% by volume for optimum performance. For mud densities above 12 lb/gal (1440 kg/m<sup>3</sup>), higher concentrations may be required.

**Health & Safety** Consult MSDS before use and use personal protective equipment as advised.

**Handling** LUB KPT 1300 A should be handled with caution. Wear goggles and gloves. Avoid contact with skin, eyes and clothing. Spillage should be flushed with water.

**Packaging & Storage** LUB KPT 1300 A is available in 55gallon barrel drums and it can be stored in original packing for 9 months in temperature below 40 °C.