

## INFORMATION

# OILTHIN

INVERT OILMUD THINNER/RHEOLOGY REDUCER

### DESCRIPTION

OILTHIN is a very effective dispersant and conditioner for all oil muds containing organophilic clay. It is a unique, proprietary blend of specially developed organic compounds in liquid form.

Form	Amber liquid
Specific Gravity	0.90 - 0.95 (@ 20 8C)
Flash Point	Greater than 150 °C
Pour Point	Below 0 *C
Viscosity	Less than 200 cPs

### APPLICATION

OILTHIN is generally used infrequently, as the attributes of this type of product should be adequately covered by the properties of the secondary invert emulsifier, OILCON. OILCON imparts additional voltage stability over the primary (OILMULL), as well as assistance in oil wetting and filtration control.

However, occasionally the system requires additional wetting ability other than provided by the primary and secondary emulsifiers. At this point, when additional wetting or mud thinning is required, OILTHIN is recommended. A comparison should be made between adding additional OILCON or OILTHIN to the system, as each mud system is different, to determine which is more effective for providing.

The overall effect is the same. Both will inhibit the rapid drop in electrical stability, which gives an apparent thinning to the invert mud system, due to the re-oil wetting of the barite. Selection of the additional OILWET or OILCON will be determined by its effect upon secondary properties, such as filtration control.

In regards to its thinning characteristics, OILTHIN is designed to control the effects of high gel strengths and high yields in invert drilling mud systems. It may be used to reduce excessive viscosities developed in any organoclay containing oil mud as a result of contamination, high temperatures, or over-treatment with organoclay. These fluids are effectively thinned without significant reduction in fluid density.

#### **RECOMMENDED TREATMENT**

OILTHIN is extremely effective and pilot testing should be performed to determine the optimum treatment level for a given fluid. Typical treatment levels are generally within the range of 1.0 to 2.0 ppb.

#### **PACKAGING**

OILTHIN is available in 5 gal/19 litre pails containing 42 lb (19 kg) of product, and in 55 gal/208 litre export quality steel drums containing approximately 465 lb (210 kg).

OILTHIN is a Messina trademark