

INFORMATION

OILCON

SECONDARY EMULSIFIER

DESCRIPTION

OILCON is a high-performance secondary emulsifier for use in oil-base and invert emulsion fluids for drilling, spotting, coring, completing, and other oilfield applications. OILCON is a slightly viscous liquid with a specific gravity of approximately 0.96 (8.0 ppg).

APPLICATION

OILCON is used as the secondary emulsifier (or co-emulsifier) in standard Messina Oilmul drilling fluid systems. OILCON assures a stable emulsion, improves fluid viscosity, and acts as an oil-wetting surfactant. OILCON can be used with selected refined and crude oils, using water or brine as the emulsified internal phase. OILCON is compatible with most standard oil mud viscosifiers and filtration control agents.

OILCON is also an excellent additive in an all oil based drilling system. The situation may require that an invert system is not acceptable--no water allowed. In this case, the base oil is viscosified by Messina's specially designed, organically modified clay, OILVIS-2. OILCON is included in low concentrations as a preventative emulsifier, just in case water is encountered. In addition, OILCON may speed up the early development of viscosity.

In relaxed-filtrate, low-colloid fluid systems (Messina Oilmul-RF systems), OILCON is used alone as the sole emulsifier, or with small amounts of OILMUL-L.

RECOMMENDED TREATMENT

Dosage or concentration of OILCON will vary with application and desired properties of the finished oil mud or invert emulsion fluid. A Messina representative should be consulted for specific formulation recommendations, but the following guidelines are offered:

- In Standard OILMUL Fluids 0.3-0.5 gal/bbl (7.1-11.9 L /m³) or 2.4 to 4 ppb.
- In High-Temp OILMUL Fluids 0.5-0.7 gal/bbl (11.9-16.6 L/m³) or 4 to 5.6 ppb.
- In All-Oil Drilling Fluids 0.13 - 0.25 gal/bbl, or 1 to 2 ppb.

PACKAGING

OILCON is packaged in 55 gal/208 litre steel drums containing approximately 440 lb/200 kg of product, and 25 litre plastic jugs containing approximately 53 lb/24 kg of product.

OILCON is a Messina trademark