

## INFORMATION

# POLYTHERM-FX3

### HIGH TEMPERATURE FILTRATION CONTROL ADDITIVE

#### DESCRIPTION

POLYTHERM-FX3 is a sulfonated copolymer specifically designed to improve the fluid loss of water based drilling fluids and to keep its temperatures stable. POLYTHERM-FX3 is in micro-bead form, dust free, and is very soluble.

#### APPLICATION

POLYTHERM-FX3 is primarily for filtration control in water base drilling fluids. It also helps control the drilling fluids rheology. It remains stable under elevated temperatures to 450° F (230° C).

It is tolerant to calcium and magnesium ions and is effective in salt concentrations up to saturation.

#### RECOMMENDED TREATMENT

POLYTHERM-FX3 treatments will range from 2 to 6 pounds per barrel (5.7 to 17.1 kilograms per cubic meter).

Apply through the hopper at a rate assuring a good uniform treatment over the whole active system. Deflocculants such as POLYSPERSE-XHT™ or THERMO-THIN-S™ may be used in conjunction with POLYTHERM-FX3 to control viscosity and gel strengths as required.

#### HANDLING

POLYTHERM-FX3 has a low order of toxicity and no special handling precautions are required. Although this product is not believed to be toxic to any great degree, its toxicological characteristics have not been fully investigated.

As with any product, always handle prudently.

#### PACKAGING

POLYTHERM-FX3 is packaged in 25 kilogram polyethylene lined multi-layer bags.

POLYTHERM-FX3 is a Messina trademark