

TRAMFLOC, INC.

P. O. Box 350, Tempe, AZ 85280-0350 Voice: 480-491-6895 Fax: 480-456-1664

Technical Aid Bulletin

TRAMFLOC® 1015 DRILLING MUD CONDITIONER

Product Description

Tramfloc® 1015 is the sodium salt of a polycarboxylic acid and is supplied as a mobile liquid, miscible with water in all proportions. The product is produced to a 40% activity level.

Uses

Tramfloc® 1015 is a proprietary, concentrated product specifically developed to effectively disperse solids and lower the rheology of a wide range of oil and synthetic hydrocarbon based drilling fluids. Tramfloc® 1015 is effective at very low concentrations and has a strong thinning effect on fluids that exhibit high rheological properties due to solids content. Tramfloc® 1015 will produce a substantial reduction in rheology at low concentrations and is effective at temperatures up to and above 350°F.

Applications

The recommended concentration of Tramfloc® 1015 is dependant upon concentration and type of solids and the severity of the conditions encountered, however an application of 0.25-5.0 lbs/bbl will be appropriate for most systems. As with all additives to drilling fluid systems, pilot testing should be performed prior to application to establish product compatibility and optimum concentration. The addition of Tramfloc® 1015 to a drilling fluid will generally produce a decrease in the general rheology of the fluid, reducing the Plastic Viscosity, Yield Point, Gel Strengths and low shear rheology.

Feeding

Tramfloc® 1015 should be fed as a dilute solution to the drilling process.

Packaging and Storage

Tramfloc® 1015 is available in 450 # drums and pails. Storage should be in a dry place above 40° F.

Safety and Health

Spills of this product are extremely slippery. Precautions should be taken to prevent them from entering lakes or streams. Tramfloc® Cleaner 348 can be used to remove residue. The product can be flushed with copious amounts of water and disposed of according to local regulations.

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