

TRAMFLOC, INC.

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Technical Information Bulletin

TRAMFLOC[®] 1000 SERIES DRILLING FLUID ADDITIVES THINNER, VISCOSITY MODIFIER, DISPERSANT and DEFLOCCULANT PRODUCTS

Product Description

The Tramfloc[®] 1000 series drilling additives include our 1007 and 1012-1019 product formulations. They are highly concentrated aqueous solutions of low molecular weight anionic polyacrylates. Tramfloc[®] 1000 series products are completely water soluble and safe to apply. Tramfloc[®] 1000 series products are used to reduce drilling mud viscosity, equipment and bit wear, pull-back, particle attraction, clay blinding, unsettled solids, gel strength, frack out, and rotation torque pressures.

Additional Use Information

Tramfloc[®] 1000 series products are applied to offer immediate thinning action, disperse the filter cake produced by a bentonite drilling fluid, are designed to control rheology in water based drilling fluids, will promote wall cake breakdown and aids in completion by dispersing clays. Tramfloc[®] 1000 series products will function across the pH range, do not foam, are more cost effective than traditional thinners, temperature stable to more than 380⁰ F.

Mixing and Dosage

For reduction of viscosity and gel strength, charge 1-2 pints/100 gallons of mud. During development apply 2-5 gallons of additive to the producing zone, then surge to break up clay.

Packaging

Tramfloc[®] 1000 series products are available in 450# net weight drums, one gallon jugs and five gallon containers.

Handling and Storage

Handle all industrial chemicals with care and consult the material safety data sheet before product use. Tramfloc[®] 1000 series products should be stored in a cool, dry place.

Safety and Health

Spills of polymer are extremely slippery. Precautions should be taken to prevent them from entering lakes or streams. Tramfloc[®] Polymer Cleaner 348 can be used to remove residue from equipment and floors. Polymer can be flushed with copious amounts of water and disposed of according to local regulations or treated with an absorbent material, then collected for subsequent legal disposal. Tramfloc[®] 1000 series products have been shown to exhibit a low order of toxicity. Nevertheless, precaution should be taken to prevent inhalation, ingestion or contact with skin or eyes. Observing basic industrial hygiene precautions should prevent any health or safety hazards.

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