

MEGADRIVE F

Fluid loss control additive

APPLICATIONS

- Paraffin-, mineral oil-, or synthetic-based drilling fluid systems

ADVANTAGES

- Reduces HTHP fluid loss at temperatures up to 320 degF [160 degC]
- Exhibits superior HTHP fluid loss control at low product concentrations
- Provides tight HTHP filtrate
- Is easily added to the system through conventional mixing equipment
- Passes through shakers with slight retention
- Functions best when applied with other supplemental fluid loss control additives

LIMITATIONS

- MEGADRIVE F can contribute to an increase in rheology of the fluid system.
- Pilot testing is recommended prior to any additions to the active system.

MEGADRIVE F* fluid loss control additive is suitable for use in all paraffin-, mineral oil-, or synthetic-based drilling fluid systems. It is a cost-effective supplemental fluid loss reducer and is temperature stable up to 320 degF [160 degC]. In new fluid systems, MEGADRIVE F additive is applied at concentrations ranging between 0.5 to 4.0 lb/bbl [1.4 to 11.4 kg/m³], depending on the desired fluid loss control requirement, temperature, type of base oil, and other components of the system. Further treatments with the additive will enhance the filtration control properties of the drilling fluid system. Treatments on existing fluids should not exceed 1 lb/bbl increments and should be thoroughly pilot tested prior to application.

MEGADRIVE F additive does not require special mixing equipment; it is easily added directly to the drilling fluid system through the mixing hopper and passes freely through shakers with minimal retention. Unlike solid filtration-control agents, MEGADRIVE F additive minimizes the volume lost over the shakers.

Pilot testing is strongly recommended to accurately determine the exact concentration to be added and any effects on the rheological properties and electrical stability of the fluid system.

Toxicity and handling

Bioassay information is available on request. Handle in accordance with good industrial hygiene and safety practices. Avoid contact with skin and eyes. Do not breathe vapors or spray mist. Avoid spills and splashing during use. Persons susceptible to allergic reactions should not handle this product.

Packaging and storage

MEGADRIVE F additive is packaged in 55-galUS [208-L] drums in accordance with the Schlumberger Group Chemical Products Packaging Guidelines. Keep containers tightly closed in a dry, cool, and well-ventilated place. Store away from heat and sources of ignition.

Typical Physical Properties

Physical appearance	Dark liquid
Specific gravity	0.97 to 0.99
Pour point	<14 degF [<10 degC]
Flash point	>167 degF [>75 degC]