

Novatec F

Novatec* F additive is a maleated rosin polymer/glycol ether used as a fluidloss reducer in the Novatec synthetic drilling fluid system.

Novatec F additive is also effective in reducing filtration properties in synthetic paraffin and mineral-oil-base systems.

Typical Physical Properties

Physical appearance	Dark-brown liquid
Specific gravity	1.01
Solubility	Insoluble in water
Flash point	>167°F (>75°C)
Viscosity, cP at 77°F (25°C)	129
Boiling point (760-mm Hg)	356°F (180°C)
Freezing/melting/pour point	23°F (-5°C)

Applications

Novatec F additive is used to provide supplementary fluid-loss control in the Novatec system, normally at high oil/water ratios and at temperatures >300°F (>149°C). Treatment levels required depend on the desired filtration control, the brine ratio and density of the drilling fluid but will typically be in the range of 0.33 to 0.85 gal/bbl (8 to 20 L/mi). Pilot testing to determine necessary concentration is recommended.

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Advantages

- Imparts rapid reduction in HTHP filtration when used at relatively low concentration levels
- Stable to high temperatures >400°F (>204°C)
- Effective in a wide range of synthetic fluids including olefin and paraffin-base systems, as well as mineral-oil-base drilling fluids

Toxicity and Handling

Bioassay information is available upon request.

Handle as an industrial chemical, wearing protective equipment and observing the precautions described in the Material Safety Data Sheet (MSDS).

Packaging and Storage

Novatec F additive is packaged in 55-gal (208-L) steel drums, 195-kg net weight.

Store in a tightly closed original container in a cool, dry and well-ventilated place.

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