



PolyGuard^{HF}

HYDROCARBON FREE

PRODUCT DESCRIPTION

A hydrocarbon free version of PolyGuard for use in situations where hydrocarbons cannot be utilized in the drilling fluid. PolyGuard HF is a liquid suspension of viscosifiers and fluid loss control agents designed for use in sand, gravel, and shales. Designed to promote good hole cleaning and stabilize the bore.

Providing excellent carrying capacity to the drilling fluid, PolyGuard HF stabilizes the bore and prevents fluid loss to the formation, while also assisting in hole cleaning, and providing superior lubricity.

PolyGuard HF is can be used as a stand alone product, in conjunction with other additives, or with bentonite. It is compatible with other drilling chemicals.



SPECIALTY SOLUTIONS TO OPTIMIZE OPERATIONS

GENERAL MIXING INSTRUCTIONS

Per 500 Gal	PolyGuard ^{HF}
Light Clay	1 Jug
Heavy Clay	1 Jug
Swelling Clay	1 Jug
Clay - Sand - Silt	1 Jug
Sand - Silt	2 Jug
Sand	2 Jug
Sugar Sand	2 Jug
Gravel - Cobble	2 Jug
Shales	1 Jug
Rocks	2 Jug

The above mixing instructions are based on average dosages. Actual dosages in the field may vary based on soil and drilling conditions.



DRILLCHEM.COM
281.713.8941

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PRODUCT ADVANTAGES

- Hydrocarbon free
- Stabilizes the bore
- Great for hole cleaning
- Imparts superior lubricity to the bore
- Easy to mix and safe to use

PHYSICAL PROPERTIES

- Appearance: Viscous tan liquid
- Specific Gravity: 1.0 – 1.1
- Flash Point: >200°F
- pH: 6.0 – 8.0

PACKAGING

- Available in ½ gallon jugs, 5 gallon buckets, and 275 gallon totes.