

Gelling Agent SL-HVFR3622

○ Product Description

SL-HVFR3622 is a suspension concentrate of anionic polymer in mineral oil. It has the superior properties of powder and the convenient use form of emulsion, specially designed for the petroleum industry, can be used in a variety of well types including oil, gas, water, and injection wells.

○ Technical & Engineering Information

SL-HVFR3622 is suitable for hydraulic fracturing from any source water, fresh water or high salinity water. It is easier to meter, disperse and hydrate in water. There are no fish eyes during the preparation process, and the solution viscosity is released quickly.

SL-HVFR3622 has no residue and low damage. The low molecular weight slippery water system causes less than 10% damage to the core.

When crosslinked gel is needed, a lab test is highly recommended. Use organic zirconium crosslinker and acid pH buffer could obtain a high elastic-viscosity fracturing fluid.

○ Technical Indicators

Technical Indicators of SL-HVFR3622

Item	Indicator
Appearance	Uniform viscous liquid
Colors	Milky white
Specific Gravity	1.0-1.1
Solubility in water	Soluble and Viscous
Solubility in 10000 TDS brines	Soluble and Viscous

○ Recommended Treatment

At low concentrations (2-6 gal/1000 gal), the high-salinity SL-HVFR3622 can be used as a friction reducer for high-rate slickwater treatments.

At high concentrations (8-13 gal/1000 gal), the high-salinity SL-HVFR3622 generates higher viscosities than conventional friction reducing agents, improving proppant transport.

High-rate hydraulic fracturing operations using freshwater to high-TDS brine and produced water.

Open hole or cased hole completions.

Refracturing operations.

Hydraulic fracturing operations in shale, carbonate, tight sandstone, and coalbed methane reservoirs.

Producers and injectors.

○ Packing and Storage

SL-HVFR3622 is supplied in 200kg high density polyethylene (HDPE) drums or 1000kg IBC. Keep it away from extreme conditions such as places near flames or direct sunlight.

Shelf life: 1 year.

<http://www.stimulationchem.com/>

QUALITY, VALUE, RESPONSIBILITY

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