

FR-56™ Friction Reducer

FR-56™ liquid friction reducer is used for fresh water and light brines. It consists of an oil-external emulsion that is easily inverted and/or broken and dispersed with shear in aqueous fluids.

Applications

FR-56 friction reducer can be used at temperatures above 40°F (4°C). It is used to reduce pipe friction pressure while pumping water during hydraulic fracturing treatments.

Benefits

- FR-56 friction reducer is anionic and is a very effective friction reducer in fresh water.
- It is effective at low concentrations (0.33 to 0.5 gallons per 1,000 gallons) in fresh water.
- Higher concentrations of FR-56 friction reducer may be required in KCl or NaCl water.
- FR-56 friction reducer is a liquid, which is easier to mix than powdered materials.

Because it is a highly anionic material, FR-56 friction reducer is particularly effective in light brines, such as KCl brines. In addition, because it is a concentrated liquid, FR-56 friction reducer can be mixed on-the-fly and does not cause the lumping problems associated with powdered friction reducers.

FR-56™ Friction Reducer - Product Specifications

Part No. (sample)	101485978
Part No. (55-gal drum)	101485980
Part No. (330-gal tank)	101485981
Form	White emulsion
Bulk Density	9.42 lb/gal
Pour Point	-20°F (-29°C)
Flash Point	>200°F (>93°C)
Specific Gravity	1.05