

StimLube® F

FRICITION REDUCER

Description

StimLube® F is an anionic friction reducer for use in freshwater and 2% KCl. StimLube® F yields extremely rapidly and will reduce friction by as much as 70% or more in freshwater and 2% KCl, depending on the pipe dimensions, pressures and flow rates. StimLube® F promotes laminar flow of the fluid at or near the pipe wall, thereby reducing or entirely eliminating turbulent flow. An increase in the laminar flow characteristics of the fluid produces a decrease in the pumping or “friction” pressure. This material is not compatible with and should not be used in acidizing operations.

Properties

Form: Liquid	Chemical Family: Organics
Color: Off-white, opaque	Solubility: Water, Brines (<15%)
Odor: Petroleum Distillate	Wt. per Gal.: 8.6 lbs.
Charge: Anionic	Flash Point: >200 ⁰ F (93.3 ⁰ C)
	Freeze Point: -31 ⁰ F (-35 ⁰ C)

Application

Prior to use, stir the container to ensure best results. Over time the product may settle out in the container. This is normal and does not affect product quality. Simply mechanically agitate to re-disperse. Do not air stir as the moisture in the air will hydrate the polymer prematurely and a very viscous or semi-solid mass will result. StimLube® F is manufactured for use in freshwater, including 2% KCl. Before using in higher concentration brines, compatibility and performance should be confirmed. StimLube® F may be batch mixed or added directly on the fly. Normal use rate is 1/8 to 1/2 gal/1,000 gal (Mgal), although it may be used up to 2 gal/Mgal.

Compatibility

StimLube® F is anionic. It is compatible with nonionic and other anionic additives. It should not be used with cationic additives unless the compatibility is confirmed by testing.

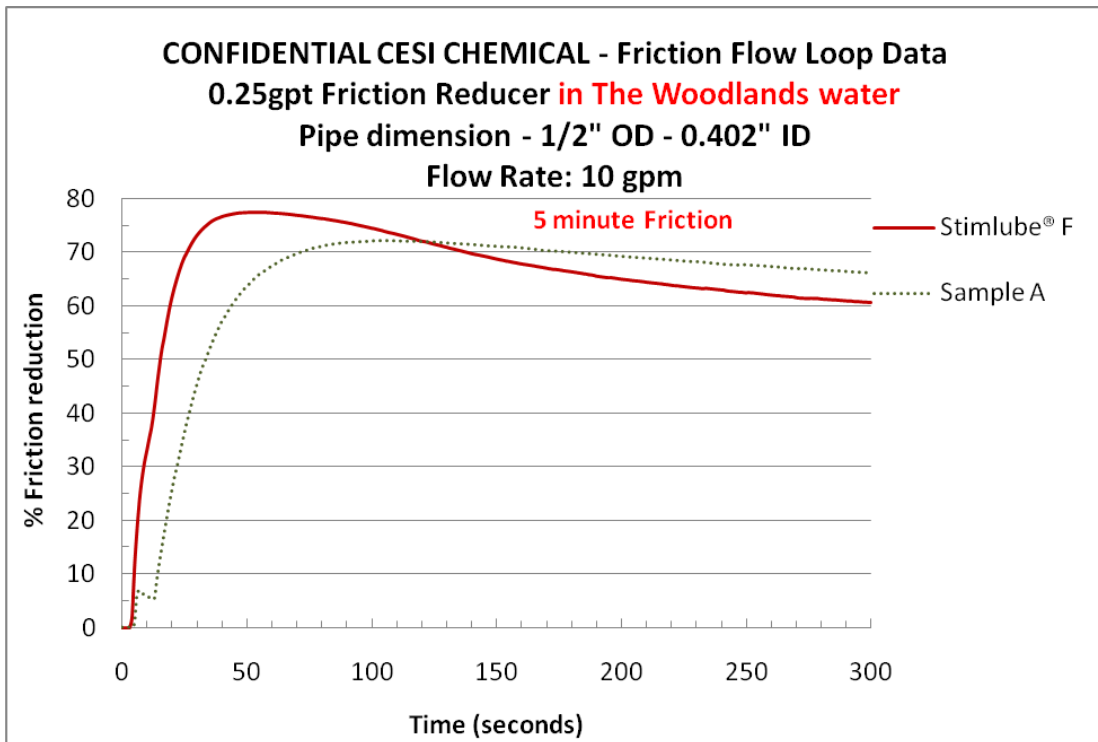
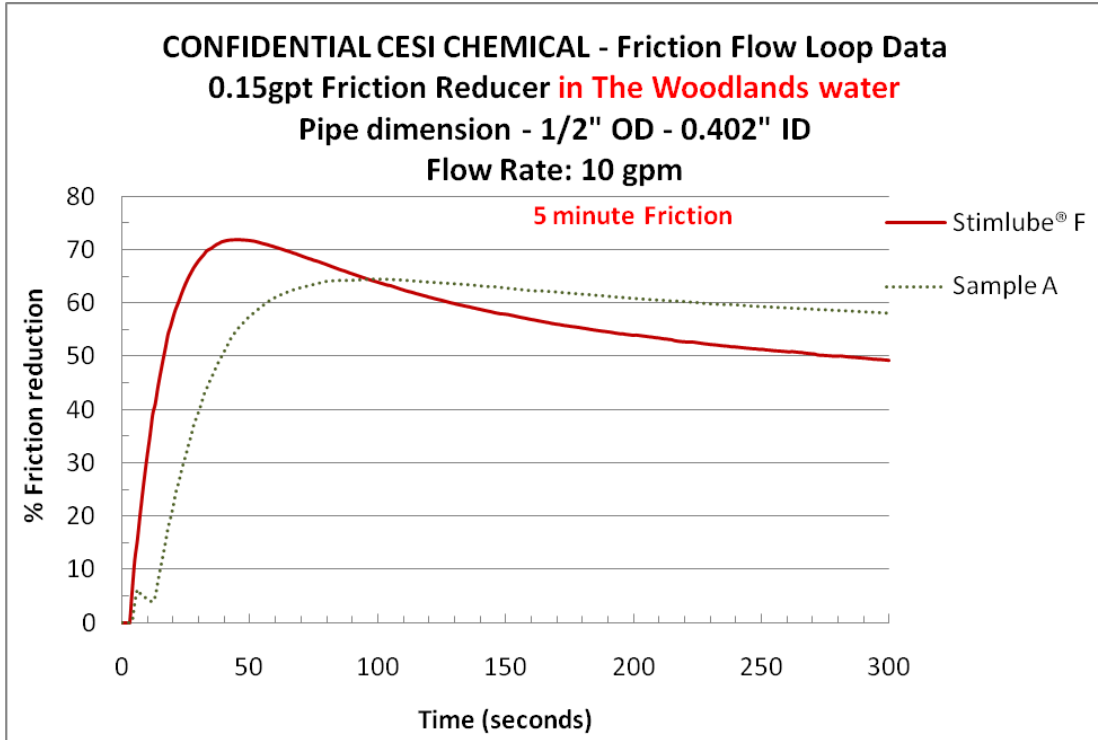
Handling/Storage

Keep away from heat, sparks and open flame. Avoid contact with eyes, skin and clothing. Avoid breathing vapors. Wear rubber gloves, apron, and chemical splash goggles. Refer to Material Safety Data Sheet (MSDS) for handling and hazard data.

Packaging

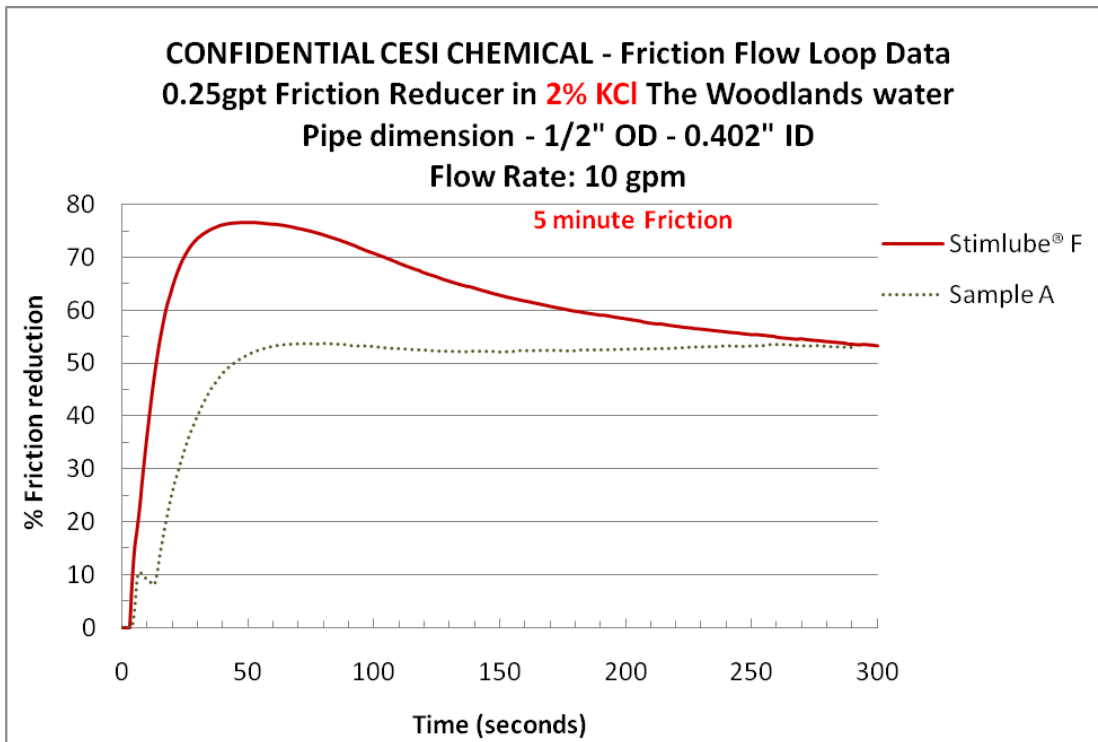
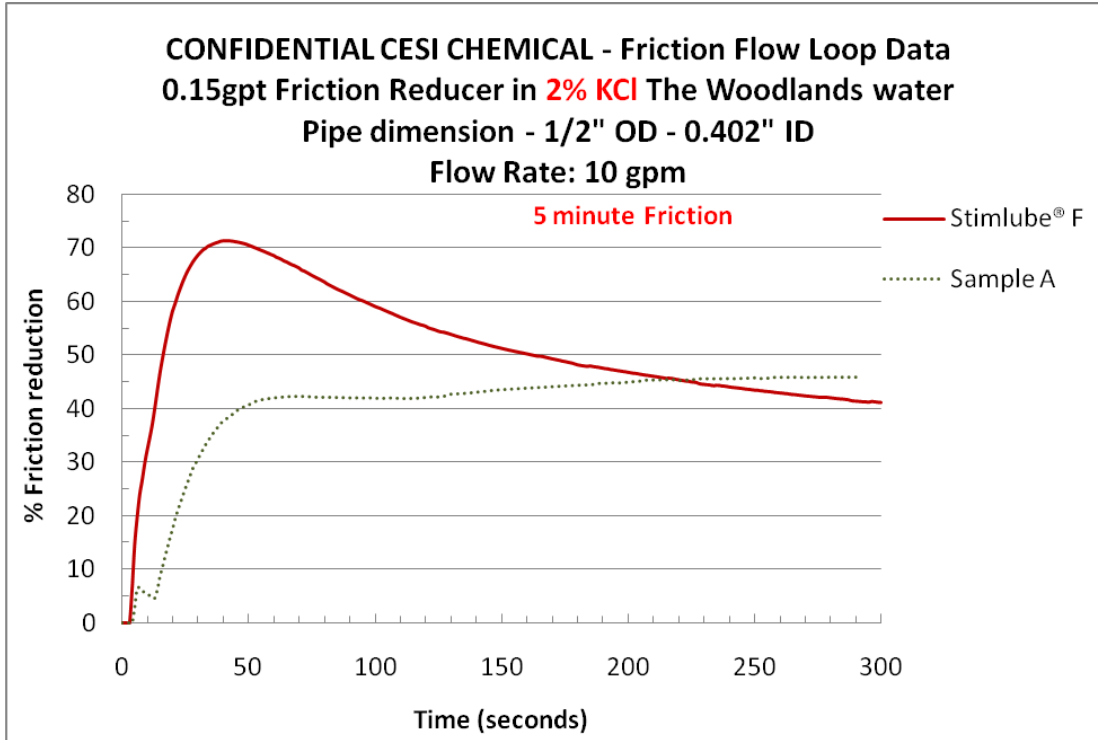
2,315 lbs in a 275 gallon capacity tote. Please note: Space left for expansion due to temperature.

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