

PROSLICK 975

■Friction Reducer

> PRODUCT DESCRIPTION

ProSlick 975 is an anionic emulsion friction reducer designed for use in fresh water to mid-range TDS brine fracturing fluids. ProSlick 975 can reduce friction at low dosages while still providing quick hydration and good viscosity building characteristics. ProSlick 975 is not compatible with and should not be used in acidizing operations.

> PACKAGING

ProSlick 975 is available in bulk transport. Please note: Space left for expansion due to temperature.

> RECOMMENDED 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; mechanically agitate to re-disperse. Do not air-stir as moisture in air will hydrate the polymer, and a very viscous or semi-solid mass will result. ProFrac also recommends line flushing to prevent clogged lines due to other residues left in the lines.

ProSlick 975 may be batch mixed but is usually added on the fly. Normal use rates may vary by application from ¼ to 1 gallon per 1000 gallons of fluid.

As with any fluid additive, compatibility testing is recommended prior to use. Please note that ProSlick 975 is anionic and compatibility testing should be conducted, especially when cationic additives are used.

ProSlick 975 may be cleaned from equipment using d-Limonene OF, LF-15 or MFS-Green. Depending upon the level of clean-up needed, these clean-up materials may be effectively used for up to three separate rinses.

Typical Physical Properties

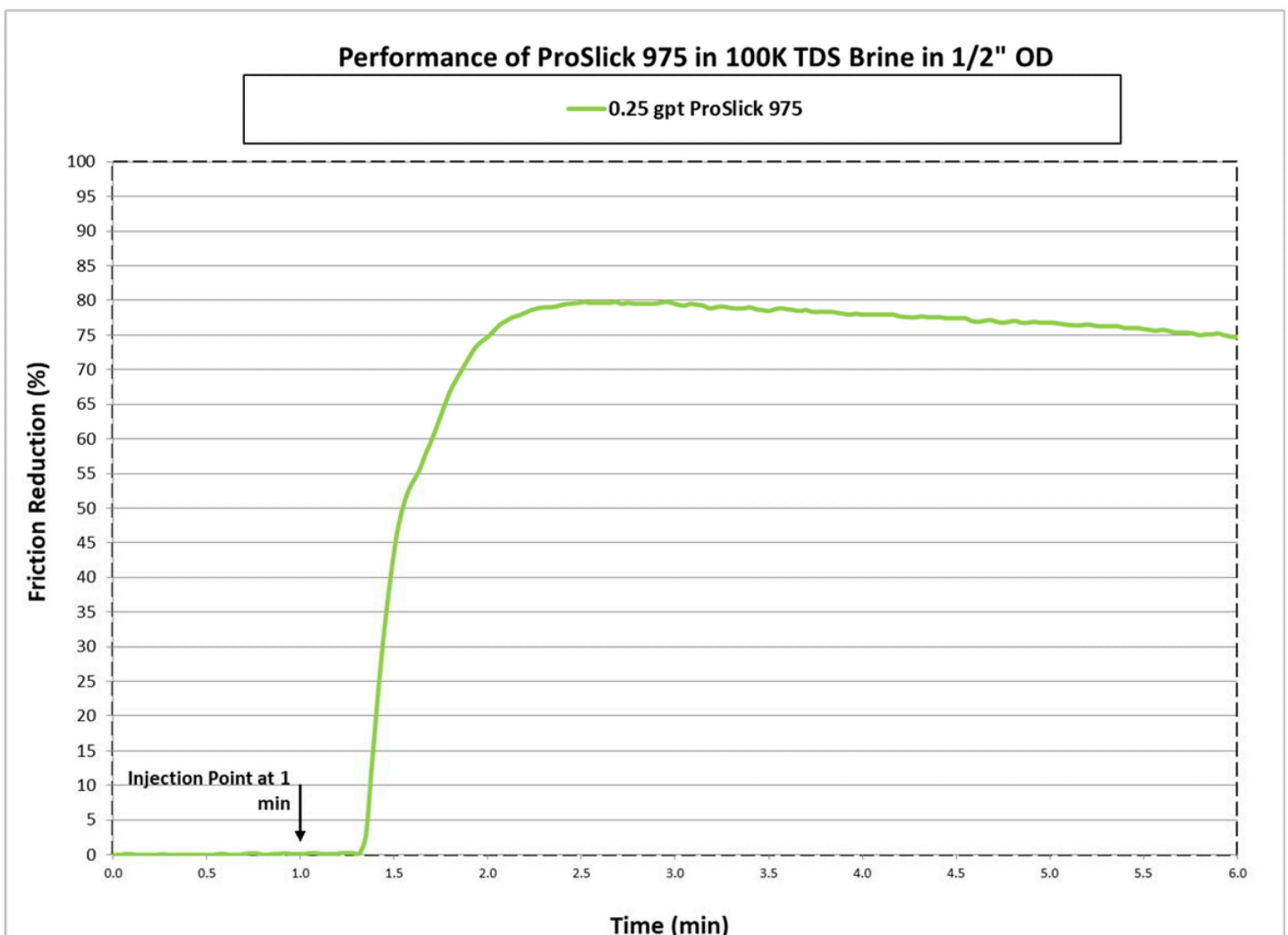
Flash Point (°F/°C)	>200 / >93
Freeze Point (°F/°C)	<41 / <5
Charge	Anionic
Specific Gravity	1.05 - 1.10
Solubility	Water

Disclaimer

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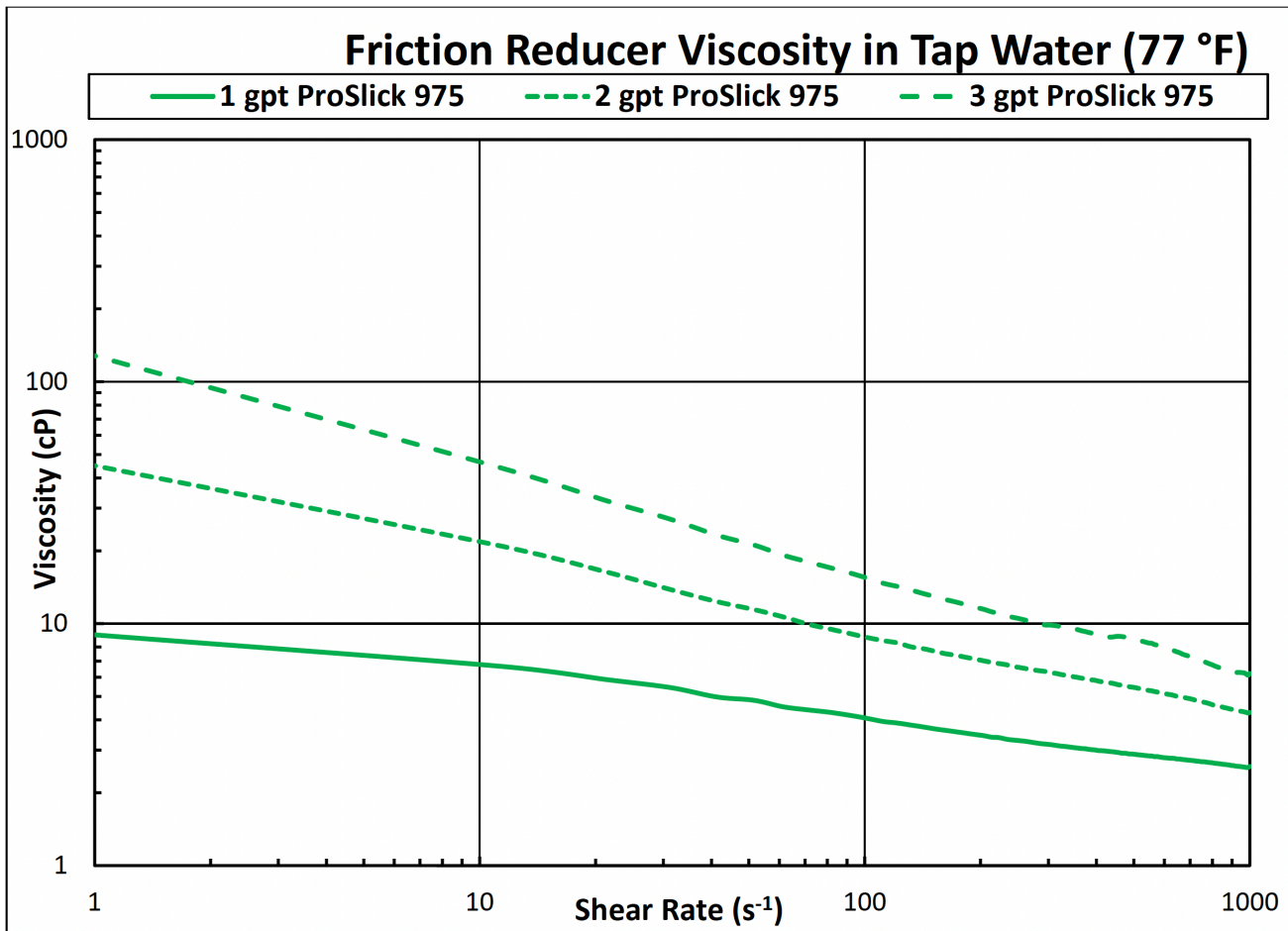
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Power Law (n',K') Characteristics

Source Water		Tap Water (HTW)		
Product	Friction Reducer	ProSlick 975		
Temperature (°F)	Loading (gpt)	3	2	1
77	Slope	0.5802	0.6676	0.7986
	Intercept	0.0490	0.3722	0.9930
	RSQ	0.9968	0.9991	0.9994
	n'	0.5802	0.6676	0.7986
	cgs K' (dyn/cm ²)	1.1195	0.4244	0.1016
	English K' (lbs/ft ²)	0.0023	0.0009	0.0002