

PROVISC 170 4.0

■ Guar Slurry

> **PRODUCT DESCRIPTION**

ProVisc 170 4.0 additive is a fast-hydrating guar slurry for use in stimulation applications. ProVisc 170 4.0 offers many desirable properties such as ease of transport, excellent dispersion and fast hydration in water, as well as minimal separation and settling during storage.

> **PACKAGING**

ProVisc 170 4.0 is available as bulk transport. Other packaging may be available upon request.

> **RECOMMENDED APPLICATION**

Prior to use, stir the container to ensure best results. Over time a very slight separation will occur upon standing, as noted by a clear upper layer of oil. This is normal and does not affect product quality; mechanically agitate to re-disperse. Flotek also recommends flushing of lines and hoses prior to use to prevent contamination. ProVisc 170 4.0 is typically added on the fly due to rapid hydration of the product. As with any fluid additive, compatibility testing is recommended prior to use with all other additives.

Typical Physical Properties

Flash Point (°F / °C)	150 / 65
Freeze Point (°F / °C)	Not Available
Specific Gravity	1.043 - 1.055
Solubility	Water
FANN Viscosity*	3 Minutes > 38 cPs
FANN Viscosity*	10 Minutes > 41 cPs

*(FANN Viscosity measured by hydrating 5 mL of slurry in 500 mL of water containing 2% KCl @ 77 °F at a steady vortex for 2 minutes.)

Disclaimer

While the information and data contained herein are presented in good faith and believed to be reliable, nothing herein shall be deemed to constitute a warranty, express or implied, that the information or data is reliable, accurate, or complete or that the products described herein are merchantable or fit for a particular purpose or that said information, data, or products can be used without infringing the intellectual property rights of third parties. Individuals who receive the products or the information or data relating to the products described herein, must use their own judgment in determining fitness for a particular purpose. Unless otherwise stated, the information or data contained herein relates to the products when not used in conjunction with any other products or materials. ProFrac and its affiliates ("ProFrac") disclaim all express and implied warranties of merchantability, fitness for a particular purpose, and non-infringement. ProFrac shall not be liable for any loss or damage that may occur from the use of the products described herein, including the use of the products in conjunction with other products or materials, or reliance on the data or information described herein.