



TECH DATA SHEET

PRODUCT DESCRIPTION:	Sand Grenade XL is a highly concentrated liquid friction reducer formulated to deliver exceptional viscosity and performance in demanding drilling conditions. With 60% active product, Sand Grenade XL rapidly builds viscosity while maintaining reliable performance in challenging water conditions, including environments with elevated mineral content and divalent ion concentrations.						
APPLICATIONS AND USE:	Designed for tough and unpredictable formations, Sand Grenade XL provides enhanced fluid control and consistent performance to help keep drilling operations efficient and productive. Typical concentrations for use is 1 - 3 gallons per 1000 gallons.						
PRODUCT ADVANTAGES:	• Ideal for heavy sands or gravel drilling conditions • Excellent viscosifier • Suspends, carries and assists in fluid loss • Can be used as a stand alone product, with other additives, or with bentonite.						
PHYSICAL PROPERTIES:	<table><tr><td>Appearance:</td><td>Light brown liquid</td></tr><tr><td>Flash point:</td><td>200 F</td></tr><tr><td>Freezing point:</td><td>-20 C</td></tr></table>	Appearance:	Light brown liquid	Flash point:	200 F	Freezing point:	-20 C
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PACKAGING:	SAND GRENADE XL is packaged in the following: • 1/2 gallon jugs • 5 gallon bucket • 275 gallon tote						