



## TECH DATA SHEET

### PRODUCT DESCRIPTION:

**SAND GRENADE** is a high-performance xanthan biopolymer used to impart low end, shear thinning, and suspension properties in drilling fluids.

**SAND GRENADE** is used as a clay substitute to impart thixotropic properties by maintaining optimum suspension and carrying capacity in drilling fluids without increasing solids loading.

It is the polymer of choice for increasing viscosity in extended-reach and horizontal crossings, especially those crossings involving low annular velocities.

### APPLICATIONS AND USE:

For increased viscosity, add 1 – 2 (2lb bags) of **SAND GRENADE** per 500 bbl of mud. Add in 1 bag increments if additional viscosity is needed.

### PRODUCT ADVANTAGES:

- High performance suspension properties
- Industry leading carrying capacity
- Will not increase solids loading

### PHYSICAL PROPERTIES:

Appearance:	liquid
Specific Gravity	1.5
Bulk Density	50 lb/ft <sup>3</sup>

### PACKAGING:

**SAND GRENADE** is packaged in the following:

- 10 – 2 lb bags per 5 gallon bucket, 32 buckets per pallet.