

BOLT

BOLT viscosity booster is a high-molecular-weight, liquid polymer designed to boost viscosity and improve hole stabilization. BOLT viscosity booster can also act as a friction reducer and lubricant. BOLT polymer can be used in makeup waters from freshwater to saltwater.

Typical Physical Properties

Physical appearance.....	Cream colored, opaque liquid
Specific Gravity.....	1.07-1.10
Viscosity (typical).....	~500 cP
Flash Point.....	>200°F (93°C) (PMCC)
pH (1% Solution).....	8.0–9.0

Applications

BOLT polymer provides excellent viscosity, lubrication and improved hole stability. Typical concentrations of BOLT additive are 1.75–3.5 lb/100 gal.

BOLT polymer can be mixed directly into the active slurry system. It can also be premixed at higher concentrations in a separate pit or chemical barrel, then blended into the active system. This polymer can be poured directly into the pits at any point where good agitation exists, such as at the mixer, or can be added through the mixing hopper or chemical barrel. Caustic and lime should not be mixed at the same time as BOLT additive.

Advantages

- Provides excellent viscosity and stabilization
- Liquid product for easy mixing and rapid yield
- Versatile and multipurpose
- Low pour point of -20°F (-28.9°C) for easy use in cold climates
- Improves the lubricity of most slurry systems
- Helps prevent balling and sticking clays

Cleanup

BOLT polymer can be chemically broken down with liquid bleach in regular household concentration (5% sodium hypochlorite). Use 5 gal (18.9 L) of liquid bleach per 100 gal (378.5 L) of fluid formulated with BOLT polymer. Do not use perfumed liquid bleach or solid calcium hypochlorite.

Toxicity and Handling

Handle as an industrial chemical, wearing protective equipment and observing the precautions described in the Material Safety Data Sheets (MSDS).



Technical Data Sheet

Packaging and Storage

BOLT polymer is packaged in 5-gal (18.9-L) buckets. Store in a dry location away from sources of heat or ignition and minimize dust.

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