

QUAD POWER™ POWER-SAND™

SAND AND GRAVEL BLEND

DESCRIPTION

POWER-SAND™ is a highly concentrated, liquid polymer that can either serve as a stand-alone fluid or can be added to other QUAD POWER™ polymer drilling products. Use it with POWER-BASE™ to increase solids suspension. POWER-SAND will produce a high viscosity solution designed to suspend sand, silt, and fine gravel. POWER-SAND contains a combination of proprietary lost circulation materials and can produce a thin filter-cake on the walls of a borehole which can prevent fluid from flowing out into porous formations.

RECOMMENDED USE

QUAD POWER polymer drilling products are designed for use in smaller diameter/short-length horizontal bores when use of bentonite is not desired. The POWER-SAND product can be used in conjunction with POWER-BASE or used as a stand-alone blend for many jobs with two to four containers being enough for the 500-gallon tanks commonly used. If there are adverse drilling conditions, single-dose containers of the other QUAD POWER polymer drilling products can be added as necessary. When added to POWER-BASE fluids, generally only one to two containers is required.

ADVISORY

QUAD POWER polymer drilling products or any polymer products alone should never replace bentonite based drilling fluids for larger diameter, longer bore shots, or exceptionally challenging and higher risk projects.

CHARACTERISTICS

- Containers are sized perfectly to match the dose needed for a 500-gallon mix tank – no half-emptied containers
- Blend of proprietary LCM additives will slow loss of material out into a porous formation
- Creates a tight, thin filter cake that will help support boreholes through coarse-sands
- Has considerable tolerance to saltwater intrusion and can be used to drill in areas where road-salt contaminates soil
- Highly concentrated polymer produces high viscosity with very low dosage
- Liquid viscosifier mixes into water more quickly and with less shear than powdered products

QUAD POWER PRODUCT APPLICATION NUMBER OF CONTAINERS PER 500 GALLONS FRESHWATER				
SOIL CONDITIONS	POWER -BASE	POWER -TERGE	POWER -CLAY	POWER -SAND
UNKNOWN	1	1		
SAND	1			2
SAND & GRAVEL	1	1		3-4
SAND & CLAY	1	1	1	2
CLAY	1	1-2	1	
STICKY CLAY	1-2	2	2	

PACKAGING

~0.5 gallon (~64 ounce) containers, 4 containers per case, 48 cases per pallet.

North America: 847.851.1800 | 800.527.9948 | www.CETCO.com

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