



GRAPHITE

DESCRIPTION

Graphite has a greasy feel and very low coefficient of friction. Chemically, Graphite is the pure form of carbon.

PROPERTIES

Physical		Chemical	
Appearance:	Black-grey powder	Type:	Carbon
Specific Gravity:	2.25	Solubility:	Negligible
Moisture Content:	0.5%	pH:	Not available
Flash Point:	Not available	Microtox:	>75% @ (6.0 kg/m ³)

APPLICATION

Graphite is used as a torque reducer in directional or crooked holes when a water based mud system is being used.

Torque reduction does not become significant until a concentration of 3.0 kg/m³ is exceeded. The optimum concentration is in the range of 6.0-7.0 kg/m³.

MIXING AND HANDLING

Graphite is added to the mud system through the mud-mixing hopper. Because it is extremely fine, it is recommended that a dust mask and goggles be worn while the graphite is being mixed.

Note: Graphite will have the same effect as ball bearings on any hard surface. Post warning signs if spilled and sweep up immediately.

WHMIS: Not controlled	TDG: Not regulated	PACKAGING: 50 lb sack
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