

Description

KAR-SLIDE G is high performance graphite, specially sized and formulated lubricant for drilling fluids. It is also use to control loss circulation of drilling fluids. It can be used in water-base, oil-base or synthetic-base mud systems

KAR-SLIDE G additive is completely inert and does not affect rheological properties. It reduces torque and drag by increasing the lubricity and lowers the spurt.

Typical Properties

Appearance : Black powder
Specific Gravity : 2.1 - 2.3
Sol. in water : Insoluble

Features and Benefits

Seals effectively micro-fractures, porous and low pressure zones.

Will not plug any down hole equipment at high concentrations.

Its resiliency maintains a seal to block fluid losses and has been effective to reduce loss of slurries in cementing operations.

Reducing torque and drag in tight holes, slide drilling and in landing casings.

Increases strength/pressure gradient of weak formations.

Provides excellent bridging and lubrication properties. Good prevention of differential sticking and stuck pipe.

Chemically inert, it can be mixed easily with water, oil and synthetic fluids and is compatible with fibers and mineral blends.

Application

The recommended treatment for partial and seepage losses less than 40 bbl/hr is 15 to 25 lb/bbl (43 - 71 kg/m³) in spotted pills.

For reducing torque and drag in water based fluids, maintain 5 - 10 lb/bbl (14 - 29 kg/m³) in active systems.

Limitations

KAR-SLIDE G can be removed from the circulating system by shale shakers and other solids-control equipment. Requires close monitoring of the shale shakers.

Non-acid-soluble material may not be suited for open hole completions where acid solubility is required.

Treatment

For partial and seepage losses, maintain 15 - 25 lb/bbl (43 - 71 kg/m³) in active system.

For spotting pill on bottom prior to trips or total losses, 60 - 90 lb/bbl (171 - 257 kg/m³).

For lubricity in water-based fluids, 5 - 10 lb/bbl (14 - 29 kg/m³).

Packaging

KAR-SLIDE G is supplied in 25 kg multi-wall paper sacks.