

Description

KAR-TROL RL is synthetically formulated resinated lignite designed to control filtration and rheological stability of water-base drilling fluids over a wide range of temperatures.

Typical Properties

Appearance : Solid black powder
pH (1% solution) : 10.7 max.
Specific Gravity : 1.2 - 1.5
Bulk Density : 700 - 900 kg/m³

Features and Benefits

KAR-TROL RL is extremely effective fluid loss control agent for freshwater, brackish water, seawater, salt-water, lime, gyp, lignosulfonate, polymer and non-dispersed systems.

KAR-TROL RL stabilizes the temperature limitation of water-base fluid systems to above 400°F (204°C) by reducing high-temperature gelation.

KAR-TROL RL provides excellent high temperature/high pressure fluid loss control and improves filter cake quality.

KAR-TROL RL enhances resistance of water-base systems to calcium and salt contaminations.

KAR-TROL RL reduces differential-pressure sticking tendencies.

KAR-TROL RL is particularly effective in high-density fluid systems where filtration control without increasing the flow properties is crucial requirement.

Application

KAR-TROL RL is used to stabilize high temperature filtration and rheological properties of most water-base drilling fluids.

Limitations

KAR-TROL RL may lose its effectiveness due to high salt and cement contaminations. Increased KAR-TROL RL treatment is required under these circumstances.

Treatment

Normal treatment levels range from 2.0 to 6.0 lb/bbl (5.7 - 17.1 kg/m³).

KAR-TROL RL is added to the system uniformly and slowly through the mud hopper.

Packaging

KAR-TROL RL is supplied in 25 kg (55 lb) multi-wall paper sacks.