

Description

KAR-AQUA WET is a proprietary blend of liquid surfactants designed for use in well clean up operations.

Typical Properties

Appearance : Colorless liquid
pH (1% solution) : 6 - 8
Specific Gravity : 1.04- 1.06
Flash Point : >100 °C (212 °F)

Features and Benefits

KAR-AQUA WET is used to remove oil-base drilling fluid residue from wellbore surfaces.

KAR-AQUA WET is a powerful water wetting agent that leaves all downhole tubulars in water wet.

KAR-AQUA WET promotes the suspension of drilling fluid solids and other deposits contributing to formation damage.

KAR-AQUA WET with pH of 6 to 8 doesn't have any adverse effect on cement or acid sensitive formations.

KAR-AQUA WET is extremely effective oil emulsifier.

KAR-AQUA WET is effective at low concentrations.

KAR-AQUA WET is an effective blend of non-ionic surfactants that are non-alkaline and environmentally friendly.

KAR-AQUA WET works in freshwater-base and seawater- base fluid systems.

KAR-AQUA WET is effective over a wide range of temperature.

Application

KAR-AQUA WET is utilized as a primary cleaner in well clean up operations before starting the completion or production operations. KAR-AQUA WET can also be used for cleaning surface equipment and as a rig wash.

Limitations

KAR-AQUA WET may cause slight foaming when subjected continuous agitation especially at high temperatures. Treatment with KAR-DEFOAM S effectively eliminates this problem.

KAR-AQUA WET performs better when the total hardness is less than 250 mg/l.

Treatment

Normal treatment levels of KAR-AQUA WET for surface cleaning range from 2.0 to 5.0% by volume. In general, 4% KAR-AQUA WET in water is adequate to ensure excellent results. High pump rates and reciprocating the drill string improve cleaning efficiency during a casing sweep. KAR-AQUA WET is added directly to makeup water.

Packaging

KAR-AQUA WET is supplied in 55 gal (208 liters) drums.