

Description

KAR-FOAM is a proprietary blend of alkyl ether sulfate and glycols. It is used as the primary foaming agent in foam drilling operations.

Typical Properties

Appearance : Colorless to pale yellow liquid
pH (neat) : 6 - 8
Specific Gravity : 1.01 - 1.03

Features and Benefits

KAR-FOAM is a non-flammable and biodegradable surfactant which is utilized as a foaming agent.

KAR-FOAM produces stiff, stable foam with consistent bubble size and uniformity.

KAR-FOAM improves the carrying capacity of air and reduces air volume and pressure requirements.

KAR-FOAM increases penetration rates and extends bit life.

KAR-FOAM prevents lost circulation by lowering the hydrostatic pressure.

KAR-FOAM is compatible with fresh, hard, or salt water.

Application

KAR-FOAM is used for air, mist and foam drilling operations.

Treatment

Treatment levels for KAR-FOAM are normally in the range of 0.5–1.0% by volume. Actual concentrations required will be dependent upon the make-up fluid to be aerated, foam generating equipment and drilling conditions.

Packaging

KAR-FOAM is supplied in 55 gal (208 liters) steel drum.