

INFORMATION

CA-CW2

LOW FLUID LOSS, CHEMICAL WASH ADDITIVE

DESCRIPTION

CA-CW2 is a liquid fluid loss control additive used in conjunction with CA-CW1 to produce a low fluid loss chemical wash. The combination of surfactant action and low fluid loss sweeps drilling mud from the wellbore while protecting any exposed formation from potentially damaging cement filtrates. CA-CW2 chemical washes are compatible with most water or brine based drilling fluids and most cement slurry designs.

Form	Free-flowing liquid
Specific Gravity	0.99
Pour Point	35 °F
Flash Point	Above 200 °F

APPLICATION

CA-CW2 chemical washes exhibit low viscosity and zero yield point, thus turbulent flow is achieved at low pump rates for effective mud removal. The surfaces of the pipe and formation are left water-wet to enhance superior cement bonding. As a preflush, CA-CW2 separates mud from cement, which are often incompatible, thus excessive friction pressures (caused by mud gelation) and cement channelling are minimized.

CA-CW2 chemical washes are excellent for conditioning gas or air-drilled holes.

RECOMMENDED TREATMENT

Typically fluid loss values of less than 50 ml's/30 min can be obtained using 0.25 to 0.5 gal of CA-CW2 per bbl of prepared CA-CW1 chemical wash. CA-CW2 should be added to the chemical wash just prior to pumping (less than 30 minutes) to avoid any separation. If CACW2 shows signs of separating in the chemical wash simply agitate the solution.

PACKAGING

CA-CW2 is packaged in 55 gal drums or 5 gal plastic pails.

CA-CW2 is a Messina trademark