

INFORMATION

CA-CW1

CHEMICAL WASH

DESCRIPTION

CA-CW1 is a chemical wash to be used ahead of a cement slurry. It separates the slurry from the drilling fluid and washes residual mud from the formation face and pipe surfaces. The product is a nonionic surfactant and is dispersible in both fresh water and brines. The properties of CA-CW1 are as follows:

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

APPLICATION

CA-CW1 solutions exhibit low viscosity and a zero yield point. Thus, they go into turbulent flow at low pump rates and sweep the sides of the pipe and formation. This results in clean surfaces and the chances of achieving a good bond with the cement are greatly enhanced. The product also prevents mud gellation that usually occurs when cement comes in contact with a water-based drilling fluid, and as a result tends to prevent cement channelling.

RECOMMENDED TREATMENT

Mix one gallon of CA-CW1 with 41 gallons of water to make one barrel of solution. Agitate well to obtain a uniform dispersion. A volume should be mixed that will provide a 500-foot column in the annulus, ahead of the cement slurry.

PACKAGING

CA-CW1 comes in 5-gallon plastic pails.

CA-CW1 is a Messina trademark