

DESCRIPTION

CW-42 is a solution of water and mud dispersing surfactant. It is used ahead of a cement slurry to separate the slurry from the drilling mud and to wash the residual mud from the formation and pipe surfaces. The mud thinning and washing action of CW-42 lessens the chance of cement channelling and greatly improves the probability of a good bond between the pipe and formation.

CW-42 is prepared from a non-ionic surfactant blend which is dispersible in both freshwater and brine. Therefore CW-42 is compatible with virtually all surfactants that might be encountered in mud removal.

APPLICATION

CW-42 has a low viscosity and a zero yield point. Due to these characteristics it goes into turbulent flow at very low pump rates. CW-42 is usually used neat but it can be diluted up to four times depending on the type of mud and its properties. Laboratory testing is essential to establish the compatibility between CW-42 and its contact fluids and to evaluate its efficacy at removing each mud formulation.

As with any chemical wash CW-42 must be pumped in turbulent flow to maximise its mud removal potential. Generally a volume of CW-42 that will provide a 500ft column of wash in the annulus ahead of the cement slurry is recommended.

PHYSICAL PROPERTIES

Appearance	Yellow mobile liquid
S G	1.0 at 20°C
Boiling Point	103°C
Melting Point	less than -2°C
Flash Point	above 100°C

PACKAGING

Usually supplied in either 200L plastic drums or 1000L plastic IBCs.

ADDITIONAL INFORMATION

None