



CA-SP7B

SURFACTANT PREFLUSH

GENERAL INFORMATION

CA-SP7B is a nonionic surfactant for use in displacement of oil muds by CA-SP7.

DESCRIPTION

CA-SP7B is a clear amber viscous liquid with a specific gravity of 1.058.

APPLICATION

CA-SP7B is to be used when a spacer is needed between an oil based fluid and a cement slurry in cementing operations. CASP7B when used with CA-SP7 makes an excellent oil spacer for removal of oil muds. CA-SP7/SP7B's chemical components remove oil-based fluids from formation walls and pipes leaving a water wet surface which makes for a better cement bond.

CONCENTRATION

To prepare a spacer for oil-based fluids, follow the basic procedures for formulation of CA-SP7. CA-SP7A should be added to the mix water first to avoid any foaming tendency. Use of CA-SP7A is important for the formulation of a good oil mud spacer. CA-SP7B can be added with/or after CA-SP7, depending on viscosity and weighting requirements. A typical formulation will contain 2 gal/bbl of spacer of CA-SP7B. CA-SP7/SP7B spacers should be tested for compatibility with cement to be used and oil based fluid which is to be displaced.

RECOMMENDED MIXING PROCEDURES

Reference mixing procedures for CA-SP7.

- To a barrel of mix water, add 1 quart CA-SP7A and thoroughly mix.
- Mix in CA-SP7 and allow 10-15 minutes mixing time per sack to ensure even mixing.
- Add in CA-SP7B and allow for proper dispersion. Continue to run CA-SP7B throughout the spacer until just prior to the end.
- Cut off the CA-SP7B in the last few spacer barrels, and continue the CA-SP7A (defoamer) to remove any foam caused by remaining CA-SP7B in the wellbore.

PACKAGING

CA-SP7B is packaged in 55 gallon drums or 5 gallon pails.

CA-SP7B is a Messina trademark