



NeoSuperSlurry Modifier Packs

Essential When dumping Cmt Slurry in Crude Oil

- NeoCasingCleaner (70° - 450° F Service Temp Range)

NeoCasingCleaner is composed of a 4 gallon batch of 10.0 ppg CaCl₂ fluid with surfactants and detergents that: 1) displace crude oil, 2) provide a fluid environment where cmt can set, and 3) cause oil films to peel off the csg id surface, therein assuring a cmt to csg bond.

Shorten Setting Times

- Accelerator Pack (70° - 225° F Service Temp Range) for NeoSlurry and NeoSuperSlurry Kits.

One Pack is added to one kit. Addition of one pack to a cmt kit will shorten the setting time of the cement slurry, i.e., set time = 6 - 8 hrs and cause the plug to achieve its normal 24-hr strength in 17 - 19 hrs.

- NeoSuperSlurry System G3 Conversion Pack (70° - 350° F Service Temp Range) for NeoSuperSlurry Kits. One Pack is added to one kit.

This G3 NeoSuperSlurry System Modifier Pack converts the current G1 NeoSuperSlurry Cement Kit to a G3 NeoSuperSlurry Cement Kit. The G3 cement system now has retarder packages for temperature intervals of 10F°, rather than 25F°. This change results in faster strength development, shorter required plug lengths, and shorter WOC times.

If the cement slurry is properly mixed with the appropriate admix packages at a high shear rate, the cement slurry has been tested to begin gelling/thickening after 90 minutes of run time. The cement slurry has been developed to be pressure tested 12 hours after the last bailer run.

Increase Bond Str to Csg @ Low Temps

- Low Temp Expansion Pack (70° - 225° F Service Temp Range) for use with NeoSuperSlurry Kits.

The degree of solid state expansion and bond strength to the casing at temperatures below 225° F can be significantly improved by using this accessory pack. Use one pack per cement kit.

Add 1 - 2 hrs To Run Times

- Low Temp Extended Run Time Pack (70° - 225° F Service Temp Range) for use with NeoSuperSlurry Kits.

Use of one pack per cmt kit will extend the allowable time from mixing to dumping by an additional 1 - 2 hrs.



- Intermediate Extended Run Time Pack (225° - 350° F Service Temp Range) for use with NeoSuperSlurry Kits.

Use of one pack per cmt kit will extend the allowable time from mixing to dumping by an additional 1 - 2 hrs.

- HPHT Extended Run Time Pack (300° - 400° F) Service Temp Range) for use with HPHT NeoSuperSlurry Kits.

Use of one pack per cmt kit will extend the allowable time from mixing to dumping by an additional 1 - 2 hrs.

Essential When dumping Cmt Slurry in Bromide & High Chloride Ion Concentrations

- Neo Salt Saturation Modifier Pack (70° - 350° F Service Temp Range)

Neo Salt Saturation Modifier Pack is composed in a 3-1/2 gallon pail with 1) NaCl Salt, 2) suspension agent 3) surfactant agent, and 4) shear bond enhancer. Use of one pack per cmt kit will yield a 5 gallon batch of 17 ppg Salt Saturated cement slurry that can be dumped in Calcium and Zinc brines, Bromide and Chloride concentrations, as well as CO₂ gas concentrations.