



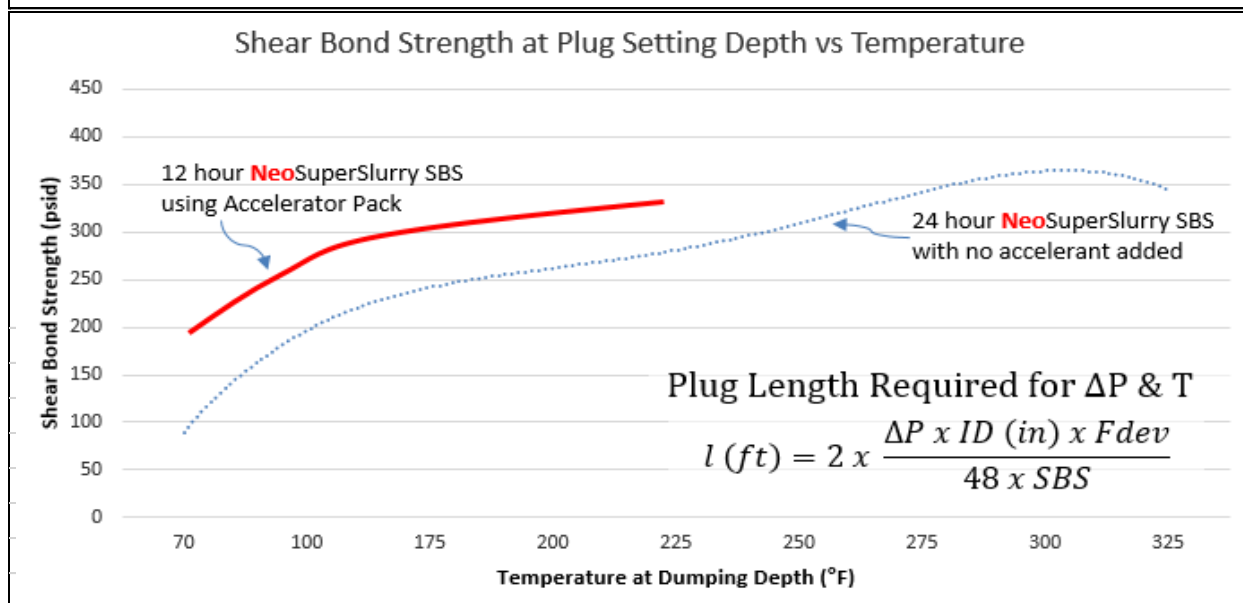
Document # DGI-0101-7022

NeoSuperSlurry w/ Accelerator Modifier Pack Specifications*			
Description	Unit	Service Temp Range (° F)	Slurry & Cement Plug Properties
Cement blend composition: API Class H (HSR), high shear bond expanding agent, fluid loss agent, and numerous proprietary surfactants and admixes.	NA	70 - 225	NA
Density	ppg	NA	16.8 - 17.2
Thickening time	hours	70 - 225	2.0 - 3.0
Gel Time	hours	70 - 225	2.5 - 4.0
recommended max dwell time at the dumping depth while still being dumpable from bailer (assumes 200 fpm descent rate)	minutes	70 - 225	45
Free water	%	70 - 225	Trace or Zero and no sign of settling or channeling.
500 psi time	hours	70 - 225	≤ 4
taggable with WL toolstring time	hours	70 - 225	≤ 4
24 hr shear bond strength	equal to the SBS values shown in the red line below (blue line is SBS values when no Accelerator is used)		
24 hr Crush Test Compressive Strength	psi	70 - 225	≥ 3,250
72 hr Crush Test Compressive Strength	psi	70 - 225	≥ 3,750

* These specifications assume that the cmt slurry and accelerator modifier pack are mixed and dumped according to NeoProducts recommended best practices.

Note: Refer to red line below for SBS values when using the Accelerator Modifier Pack.

Fig #1



**Neo Accelerator Pack
 Dump Bailing System Criteria**

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F dev = 1.0 @ 0° deviation, 1.2 @ 30°, 1.6 @ 60°, 2.0 @ 70°

NeoProducts prudently recommends;
read and comply with all the slurry mixing instructions included in the kit
on every dump run, locate the bailer bottom to be 1-2ft above the platform upon which the slurry
will collect,
“never dump less than 10 ft of cement slurry when a long-term high ΔP plug is desired”.

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