



DOWNHOLE SOLUTIONS, INC.

1 -1- 100

CEMENT ADDITIVE KIT

1- Pail Additives, 1- Super Sack Cement, 100 - Gallons Fresh Water

1 Five gallon pail has pre-measured Fluid loss, and Dispersant to be mixed with **1** Lehigh Class H Jumbo Sack (2000#) with **100** Gallons **Fresh Water**. 1:1:100

Cement Additives pre- designed, tested and packaged for use with your Bulk Super Sack cementing operations. This Design will give you superior performance for your lower temperature range (80 deg to 210 deg F) cementing applications without the hassles of mixing liquid additives on location. This Additive yields a slurry with Fluid Loss control of 100cc/30min yet gives you a thin and pumpable design

Downhole Solutions has developed a slurry system that is tested and designed to use with Lehigh Class H bulk bag cementing. Each 5 gallons pail has a premeasured proprietary blend of dry Fluid Loss, Dispersant, and an anti-settling Agent design to give excellent cementing properties comparable to DHS's high temperature Coil Tubing Kit.

This Slurry design can be use for Squeeze cementing, Gas migration problems, in both coil tubing operations, or tubing pumping.

Liquid retarder is supplied to add to the mixed slurry, in accordance with a provided chart that is based on actual laboratory results for each lot of blended Lehigh Class H Cement

	<u>Each Super Sack</u>
Yields	4 bbls
Density	16.2 PPG
Yield	1.09
Total Fluid	4.55
H2O	100 Gallons fresh water