



P-LTR

CEMENTING SERVICE BULLETIN

05/30/18

P-LTR (PETROCHEM – LOW TEMP. RETARDER)

TECHNICAL DATA

P-LTR is a powdered low temperature cement retarder for slurries designated for use up to 200 deg. F. P-LTR can also be dispersed easily in water and is compatible with either fresh or sea water.

P-LTR is compatible with all of the commonly used cements and cement additives. The normal concentration range of P-LTR is 0.2 to 0.5 % BWOC.

Generally speaking, the use of P-LTR at 0.4 % BWOC mixed with class "G" cement and fresh water at 15.8 Ppg. Will provide approximately 3 1/2 Hrs. thickening time at a BHCT of 145 deg. F.

However, a dispersant will have an additional retarding effect when used with P-LTR and could add another one to two hours thickening time to the cement slurry. Therefore, specific thickening time data for slurry design must be determined in the laboratory with the cement, water and other additives prior to the cement job.

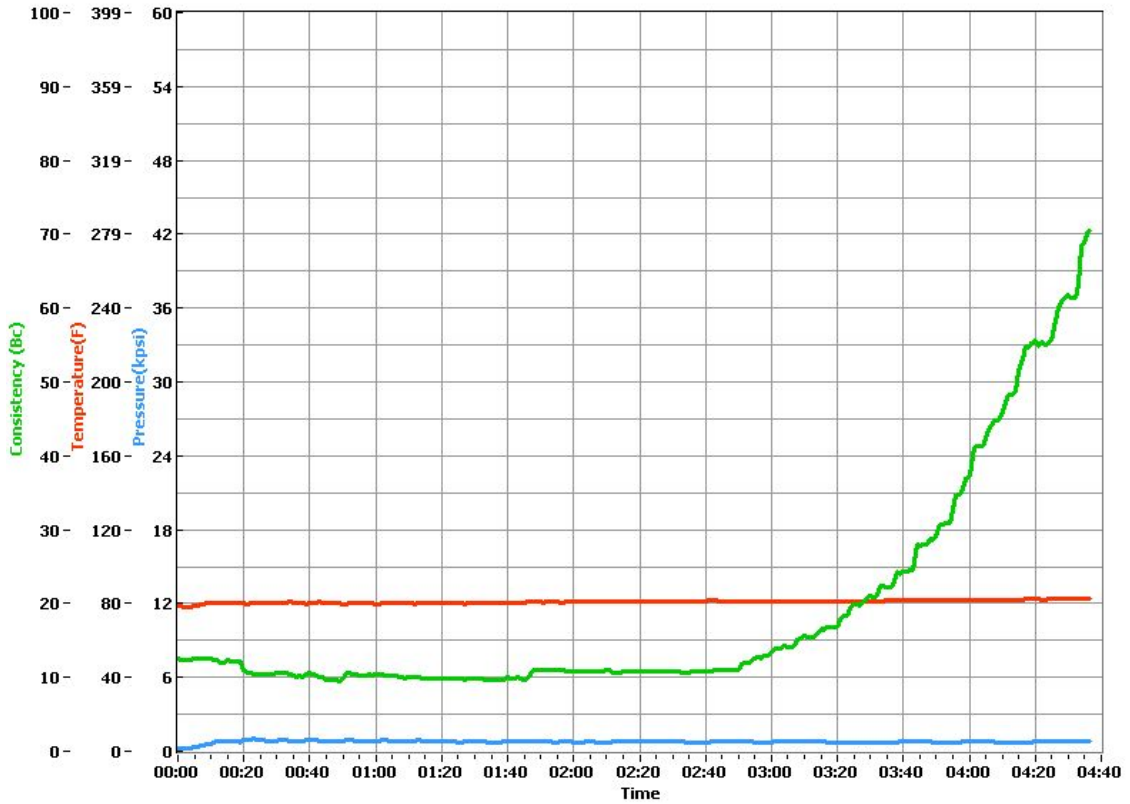
PROPERTIES

<u>PRODUCT</u>	<u>FORM</u>	<u>SP. GR.</u>	<u>PACKING</u>
P-LTR	Dark Brown	1.23	3 lbs. /Sack

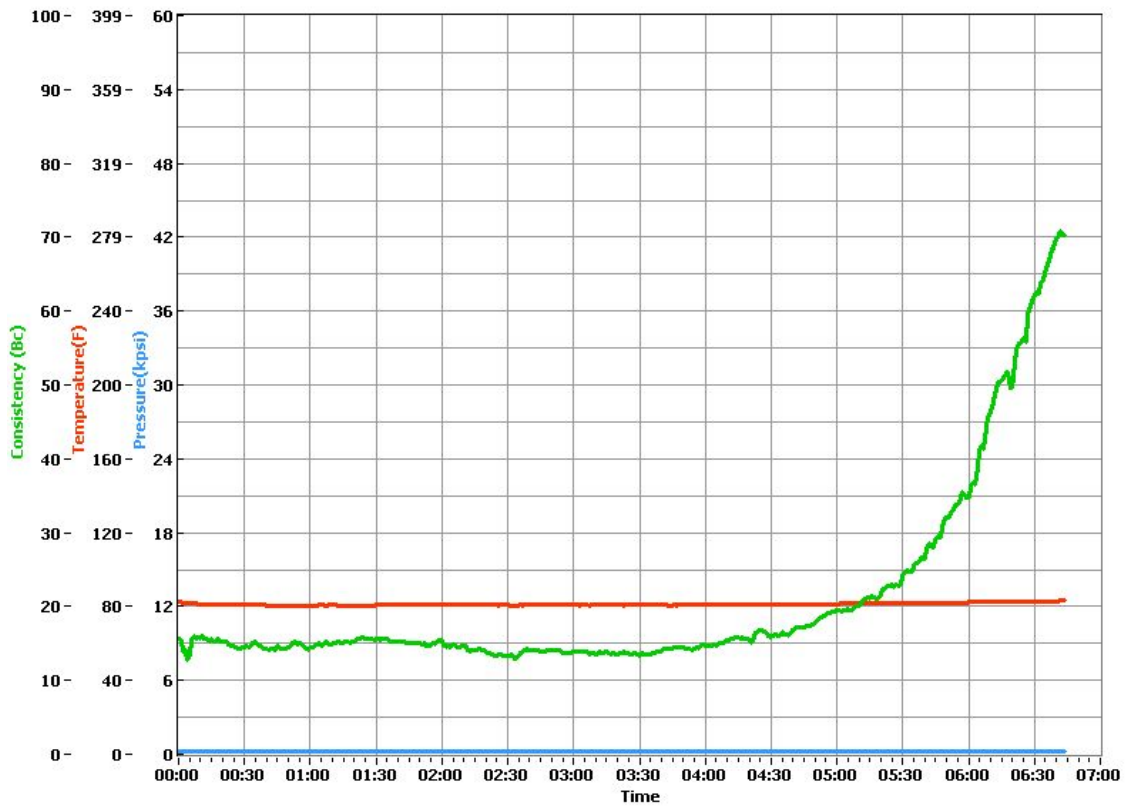
SAFETY

Chemical goggles are required while handling P-LTR. If the P-LTR gets in the eyes, rinse with running water while holding the eye lids apart. If irritation persists, get medical attention. If the skin is contacted - wash thoroughly with water. For more information on safety refer to the SDS sheet.

NEAT CEMENT CLASS A 15.4PPG



0.25% P-LTR



0.30% P-LTR

