



P-LTRL

CEMENTING SERVICE BULLETIN

01/20/14

P-LTRL (PETROCHEM – LOW TEMPERATURE RETARDER LIQUID)

TECHNICAL DATA

P-LTRL is a low temperature cement retarder liquid for slurries designated for use up to 280 Deg. °F.

P-LTRL disperses easily in water and can be used with either fresh or sea water.

Once dispersed in water P-LTRL is compatible with all of the commonly used cements and cement additives. The normal concentration range of P-LTRL is 0.02 To 0.04 Gallons per sack of cement.

Generally speaking, the use of P-LTRL at 0.04 Gals. /Sk. of cement mixed with fresh water at 15.6 Ppg. will provide appx. 5 Hrs. Thickening time at a BHST of 170 deg.OF. However, 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>PACKAGING</u> |
|----------------|-------------|----------------|---------------------|
| P-LTRL | Dark Brown | 1.25 | 55 Or 5 gal. Pails. |

SAFETY

Chemical goggles are required while handling P-LTRL since the product is viscous and eye contact will be irritating. If the P-LTRL 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.