



P-HTRL CEMENTING SERVICE BULLETIN

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05/27/88

P-HTRL (PETROCHEM - HIGH TEMP. RETARDER LIQUID)

TECHNICAL DATA

P-HTRL is a high temperature cement retarder liquid for slurries designated for use from 125 deg. F. To 250 deg. F. P-HTRL disperses easily in water and can be used with either fresh or sea water.

Once dispersed in water P-HTRL is compatible with all of the commonly used cements and cement additives. The normal concentration range of P-HTRL is 0.02 To 0.5 Gallons per sack of cement.

Generally speaking, the use of P-HTRL at 0.02 To 0.4 Gals. /Sk. Of cement mixed with fresh water at 16.2 Ppg. Will provide appx. Four hour thickening time at a temperature range of 170 deg. F. To 250 deg. F. Respectively. However, specific thickening time data for slurry design must be determined in the laboratory with the cement, water and other additives intended for use on the job.

If additional thickening time is required, boric acid or granular borax may be added to the mix water. However, lab tests must determine the concentration needed.

PROPERTIES

<u>PRODUCT</u>	<u>FORM</u>	<u>SP. GR.</u>	<u>PACKAGING</u>
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P-HTRL	Amber Liquid	1.26	55 Or 5 gal. Pails.
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SAFETY

Chemical goggles are required while handling P-HTRL since the product is sticky and eye contact could be irritating. If the P-HTRL gets in the eyes, wash the eyes for at least 15 min. If irritation persists, get medical attention. If the skin is contacted - wash thoroughly with water.