

SPECIFICATIONS

# LTR™

## Low-Temperature Cement Retarder



## Product Specifications



### DESCRIPTION

LTR is an effective synthetic cement retarder in the low temperature range. LTR is designed to be effective at temperatures up to 200° F (93° C). LTR retarder is compatible with all types of water or cement, and can be used globally.

### ADVANTAGE

Linear thickening time response with both temperature and concentration

Improved test-to-test repeatability

Extreme right-angle set thickening time curves

Minimal inhibition to early compressive strength development

Does not cause early or middle test viscosity humps

### APPLICATION

Global use

Freshwater, seawater, or saltwater

Temps up to 200° F (93° C)

All cements, including reactive cement

### TREATMENT RECOMMENDATIONS

LTR can be dry-blended, mixed with the slurry mix water prior to cementing, or in a liquid additive system.

### PHYSICAL PROPERTIES

Appearance: Free flowing white powder

Specific Gravity: 2.58; Bulk Density: 0.96 g/cm<sup>3</sup>

### HANDLING AND STORAGE

LTR should be stored in a dry environment. Avoid excessive dust and inhalation. Use appropriate PPE and review the SDS before use.

### PACKAGING

LTR is available in 50-lb, multi-walled bags.