

MTR[®]

Mid-Temperature Cement Retarder



Product Specifications



DESCRIPTION

MTR[®] is an effective mid-temperature cement retarder. MTR is engineered for effectiveness across the entire mid temperature range, including the difficult to retard 200-230° F (93-110° C) range. MTR retarder can be used globally, with any type of water or cement.

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

120-250° F (50-120° C)

All cements, including reactive cement

TREATMENT RECOMMENDATIONS

MTR 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

SG: 2.4; Bulk Density: 1.0

HANDLING AND STORAGE

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

PACKAGING

MTR[®] is available in 5-gal buckets or 50-lb, multi-walled bags.

HTR[®]

High-Temperature Cement Retarder



Product Specifications



DESCRIPTION

HTR[®] is a single component high-temperature cement retarder. HTR is engineered for effectiveness between 250-380°F (120-195°C) and can be used over 380°F (195°C) with the use of a retarder intensifier. HTR retarder can be used globally, with any type of water or cement.

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

Does not require a retarder intensifier even up to 380°F (195°C)

APPLICATION

Global use

Freshwater, seawater, or saltwater

High temperature performance: 250-380°F (120-195°C) or higher with an intensifier

All cements, including reactive cement

TREATMENT RECOMMENDATIONS

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

PHYSICAL PROPERTIES

Appearance: Free flowing light yellowish powder

SG: 1.6; Bulk Density: 0.7

HANDLING AND STORAGE

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

PACKAGING

HTR[®] is available in 5-gal buckets or 50-lb, multi-walled bags.