SPECIFICATIONS

HTR®

High-Temperature Cement Retarder

Product Specifications

Impact FLUID SOLUTIONS

DESCRIPTION

HTR® is a single component high-temperature cement retarder. HTR is engineered for use at temperatures of 300°F (195°C) and above, and can be used over 380°F (195°C) with the addition 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 at 300°F (195°C) or higher, with an intensifier past 380°F (195°C)
- 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
- Specific Gravity: 1.6; Bulk Density: 0.64 g/cm^3

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.

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