Diacel® HTR-100 Liquid Cement Retarder Additive

Diacel® HTR-100 Liquid Cement Retarder Additive is an mid temperature cement retarder. For best results, add Diacel® HTR-100 Liquid Cement Retarder Additive to the mix water before preparing the cement slurry.

Diacel® HTR-100 Liquid Cement Retarder Additive extends the thickening time of the cement slurry to provide sufficient time for placement. It has a mild dispersing effect on the cement slurry, which reduces the concentration of dispersant required, and inhibits premature slurry gelation with most cement slurries. Diacel® HTR-100 Liquid Cement Retarder Additive improves the performance of most fluid-loss agents and is particularly beneficial when used with synthetic polymer additives.

Application Areas:
- All API classes of cement
- Freshwater, saltwater, and seawater slurries

Typical Range of Use:
- Temperature: 175°F - 275°F (80°C – 135°C) BHCT
- Concentration: 0.01 – 0.5 U.S. gallon/94 lb sack
- Density: 12 - 20 lb/gallon

Physical Properties:
- Dark brown liquid
- Specific gravity = 1.3 g/cm³