




ThixoCRETE lightweight lost circulation cementing solution

Improve well integrity and minimize NPT by plugging large voids and fractures

-  **Bottomhole circulating temperature:**
Up to 85 degC [185 degF]
-  **Typical density range:**
1,258 to 1,378 kg/m³
[10.5 to 11.5 lbm/galUS]
-  **Solids volume fraction:**
45% to 55%

Where it is used

Lost circulation applications in limestone formations with vugs and caverns

How it improves wells

- Reduces nonproductive time with rapid and high strength development
- Lowers costs by decreasing mud lost to formation hazards
- Limits environmental impact

How it works

ThixoCRETE* lightweight lost circulation cementing solution combines lightweight high-performance trimodal cement and a thixotropic additive to rapidly deliver high gel strength and compressive strength. The trimodal cement contains an optimized particle size distribution that maximizes solids content and plugging efficiency. The synergistic combination is capable of plugging large voids and fractures so drilling can continue.

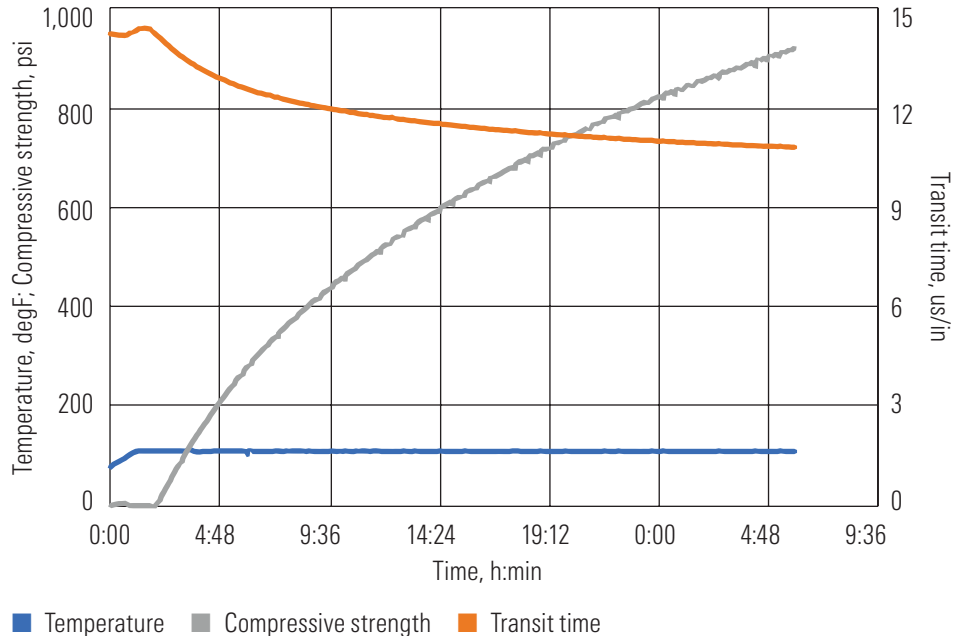
What it replaces

Conventional lost circulation materials

What else I should know

ThixoCRETE solution is delivered using conventional cementing equipment and can be mixed in freshwater, seawater, or brines up to 18% salt. It is compatible with common oilfield spacers.

The density range can be extended to create lighter or heavier slurries based on proper laboratory testing.



ThixoCRETE solution stops circulation losses in fractured and vuggy formations by rapidly developing gel strength and compressive strength.

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