

BorDrill FLW

Fluid Loss Additive for Drilling Mud

Description

Momentive's BorDrill™ FLW fluid loss additive is designed specifically for advanced high-pressure/high-temperature (HP/HT) fluid loss control, clay particle inhibition, and borehole stabilization. It is formulated for superior performance in highly contaminated mud systems at elevated temperatures up to and above 204°C (400°F).

It is a 100% water-soluble, extremely high molecular weight, polymer resin. Produced as a liquid under strict quality control of raw materials and process control, the product is spray dried as a 100% active powder.

Technical Advantages and Benefits

- Effective in a wide range of fresh water, seawater, saltwater, and contaminated systems
- Temperature stability is in excess of 204°C (400°F)
- Does not increase the rheology of the drilling fluid system
- Cost-effective in a wide range of applications

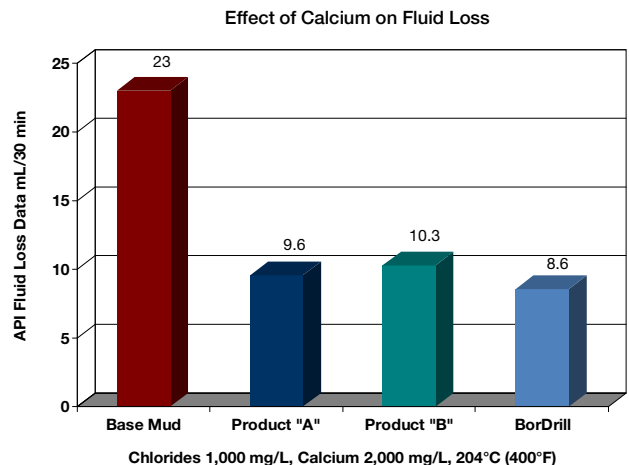
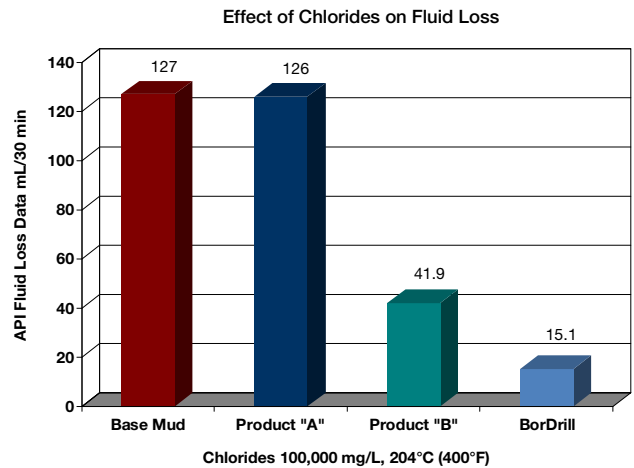
Contamination Tolerance

Our BorDrill FLW fluid loss additive performs exceptionally well and tolerates various water-soluble salts used in oilfield applications. The monovalent salts like sodium and potassium have been found to be compatible at concentrations of 100,000 mg/L (NaCl). Divalent salts such as calcium and magnesium are tolerated (Ca⁺⁺ 1,000 mg/L) as well. This tolerance and resistance provides the foundation for excellent API and HP/HT fluid loss control.

Properties	Typical Values
Appearance	Light purple free-flowing powder
pH, 10% Solution	9.7
Solubility, Water	100% soluble
Particle Size	95% < 200 mesh
Flash Point	> 93°C (200°F)



API Fluid Loss Control



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