THERMA-CHEK®

FILTERATION CONTROL ADDITIVE

Product Description

THERMA-CHEK® filtration control additive provides filtration control and secondary viscosity for most water-based drilling fluids at temperatures beyond 400°F (204°C). Use of THERMA-CHEK filtration control additive is not recommended until bottom hole temperatures reach 300°F (149°C) where it can be used to supplement and replace existing fluid loss control products as temperatures increase. THERMA-CHEK filtration control additive is not suitable for fluids with over 5000 ppm potassium ion content.

Applications/Functions

THERMA-CHEK filtration control additive can be used in fresh water and salt water systems to improve filtration control and impart supplementary viscosity at temperatures beyond 400°F (204°C).

Advantages

» Helps provide filtration control for a wide variety of mud systems
» Excellent high temperature stability
» Environmentally responsible
» Can provide secondary viscosity
» Is tolerant to salt and divalent ions

Typical Properties

» Appearance: White or cream powder
» Specific Gravity: 1.32
» pH, (1% aqueous solution): 6.5

Recommended Treatment

1. For fresh water systems, add 1-3 lb/bbl (2.85-8.56 kg/m³).
2. For salt water systems, add 4-8 lb/bbl (11.41-22.82 kg/m³).

Caution: Do not use THERMA-CHEK filtration control additive in systems that contain more than 5000 mg/l of potassium.

Packaging

THERMA-CHEK filtration control additive is packaged in 25-lb (11.3-kg) and 55.1-lb (25-kg) sacks.