

DURATONE[®] E

FILTRATION CONTROL AGENT

Product Description

DURATONE[®] E filtration control agent is a modified lignitic product which is the primary filtration control additive for conventional INVERMUL[®] and ENVIROMUL[™] invert emulsion drilling fluid systems. DURATONE E filtration control agent is used in geographical areas where local environmental regulations prohibit the use of DURATONE HT filtration control agent. DURATONE E filtration control agent is not used in organoclay-free high performance invert emulsion systems. DURATONE E filtration control agent can effectively control and reduce HTHP Filtrate at temperatures beyond 425°F (218°C). DURATONE E filtration control agent can act synergistically with the emulsifiers in conventional invert emulsion fluid systems to enhance the overall emulsion and thermal stability of the fluid system. DURATONE filtration control agent is particularly effective in deep hot wellbore applications.

Applications/Functions

- » Helps reduce HTHP filtration rate
- » Helps promote stability of invert emulsion fluid systems

Advantages

- » Helps increase thermal stability of drilling fluids at temperatures beyond 425°F (218°C)
- » Effective in all invert emulsion fluid systems

Typical Properties

- » Appearance: Gray to black powder
- » Bulk density, compacted: 44lb/ft³ (705kg/m³)
- » Bulk density, uncompacted: 31lb/ft³ (497kg/m³)
- » Specific gravity: 1.8

Recommended Treatment

Add 2-20 lb/bbl (5.7-57 kg/m³) of DURATONE E filtration control agent. Concentration will depend on the degree of filtration control desired.

Packaging

DURATONE E filtration control agent is packaged in 50-lb (22.7-kg) sacks.

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