

# Driscal<sup>®</sup> D Polymer



Driscal<sup>®</sup> D Polymer a synthetic polymer specifically designed for high-temperature and /or high-salinity environments. Driscal<sup>®</sup> D Polymer is a dry powder

## Advantages

- Works well at any salinity
- Reduces differential sticking tendencies
- Can be used in harsh environments such as North Dakota and other hard brines
- Temperature stable to 475°F (246°C)
- Can improve thermal stability of whole mud system
- Non-fermenting
- Helps maintain the integrity of cuttings
- Reduces abrasion of hematite weighting agents
- Inhibits shale
- Increases the effectiveness of solids-control equipment
- Calcium tolerance in excess of 100,000 ppm

Application	Material Needed
HTHP Fluid-loss control	1 to 5 ppb (3 to 14.0 kg/m <sup>3</sup> )
Shale Inhibition/encapsulation	0.5 to 5.0 ppb (1.5 to 14.0 kg/m <sup>3</sup> )
Improved filter cake	0.5 to 5.0 ppb (1.5 to 14.0 kg/m <sup>3</sup> )
Improved and Stabilized Rheology	0.5 to 5.0 ppb (1.5 to 14.0 kg/m <sup>3</sup> )
Reduce stuck pipe frequency	0.5 to 0.75 ppb (1.5 to 2.0 kg/m <sup>3</sup> )
Improved hole cleaning	0.5 to 5.0 ppb (1.5 to 14.0 kg/m <sup>3</sup> )
Completion & workover fluids	0.5 to 5.0 ppb (1.5 to 14.0 kg/m <sup>3</sup> )
Work over / completion fluids	0.5 to 5.0 ppb (1.5 to 14.0 kg/m <sup>3</sup> )

## Cost

Driscal<sup>®</sup> D Polymer is a high-performance, hostile environment polymer which is cost-effective against other synthetic additives in these challenging fluid environments. Total well cost for interval drilled is usually lower.

## Mud Types:

Driscal<sup>®</sup> D Polymer is used in Water-based drilling, drill-in fluids, work over fluids and completion fluids with extreme conditions of temperature, salinity and hardness

## Mixing Requirements

Mix slowly through conventional jet hopper.

## Handling

For specific instruction on handling refer to the MSDS.

## Packaging

Driscal<sup>®</sup> D Polymer: 50-pound, multiwall paper sacks

Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited and the information is applicable to the user's specific application. Drilling Specialties Company does not make, and expressly disclaims, all warranties, including warranties of merchantability or fitness for a particular purpose, regardless of whether oral or written, express or implied, or allegedly arising from any usage of any trade or from any course of dealing in connection with the use of the information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, tort or otherwise, in connection with the use of the information contained herein or the product itself. Further, information contained herein is given without reference to any intellectual property issues, as well as federal, state or local laws which may be encountered in the use thereof. Such questions should be investigated by the user.