



## **DCS-500**

### Drilling Clay Stabilizer

**DCS-500** is a non-ionic blend of surfactants and polymers specifically designed for clay stabilization, flocculation and lubricity. This liquid product is a highly efficient mud system which aides in penetration rate and reduction of drag.

**DCS-500** prevents swelling of clays or red beds and stabilizes sensitive shale. Works as a superior lubricant reducing bit balling which increases bit life and prevents sticking when running casing. Also reduces surface and interfacial tension of water.

**DCS-500** is non-corrosive, non-toxic and compatible with all water based drilling systems or additives. This fluid is bacterially static, contains no hydrocarbons and does not thicken drilling fluids. DCS-500 is also compatible with anionic or cationic systems and has no effect on the pH.

#### **DCS-500 Properties:**

<b>Specific Gravity: (25 C)</b>	1.05-1.10
<b>pH:</b>	8.5 to 9.0
<b>Appearance/Odor:</b>	Clear Colorless to opaque/ pungent
<b>Freezing point:</b>	30 F
<b>Boiling Point:</b>	212 F

#### **See MSDS**

**DCS-500** recommended treatment rates vary from 60ppm to 250ppm or one pint to a quart per barrel of fluid. Loading depends on characteristics and application desired. DCS-500 is effective in batch treatments as well as continuous injection into the production stream.

**DCS-500** is available in 5 gallon pails, 55 gallon drums, and 275 and 330 gallon totes.