



# DG-LOW

PRODUCT BULLETIN

*DG-Low is a broad cloud-point, wide -molecular weight range additive recommended for freshwater to seawater polyglycol systems. It can provide improved shale stability, lubricity, high-temperature filtration control, plus reduce dilution rates and bit balling. DG-Low can be used as additives in most water-base systems as well as offshore due to its low toxicity characteristics.*

## Applications

This low cloud-point additive helps to stabilize troublesome shales by reducing liquid phase activity and by plugging shale pores, preventing the equalization of hydrostatic pressure away from the wellbore. DG-Low can be used in Thermally Activated Mud Emulsion (TAME) applications or in situations where it is insoluble. Normal concentrations of DG-Low range from 2 to 5%. After the initial treatment, periodic treatments should be made to maintain the desired concentration

## Physical Properties

- |                       |                     |
|-----------------------|---------------------|
| • Physical appearance | Clear to Dark Amber |
| • Specific gravity    | @ 25° C 1.050-1.130 |
| • Flash point         | 430° F /221° C      |
| • Solubility in water | Dispersible         |

## Benefits

- Lower potential for differential sticking
- Less torque, drag, and bit balling
- Lower dilution rates
- Greater wellbore stability
- Non-toxic
- Excellent Lubricity
- Does not cause foaming
- Does not increase rheology

## Toxicity & Handling

Non-hazardous. Please refer to the MSDS for more handling information.

## Packaging & Storage

DG-Low is packaged in 55-gal drums, 275-gal totes, and is also available in bulk.

[www.drillgreen.com](http://www.drillgreen.com)

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