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.