BARAFILM™ corrosion inhibitor is a filming amine corrosion inhibitor that physically and chemically absorbs on metal to help protect it from hydrogen sulfide, carbon dioxide, and oxygen corrosion. BARAFILM corrosion inhibitor can be used in two ways. First, it can be sprayed on dry drill pipe and other tubulars to protect from atmospheric corrosion or in preparation for use down hole. Second, it can be used in a fluid system. It is suitable for use in all brines and water-based drilling fluid systems. When used in a fluid system, BARAFILM corrosion inhibitor is most effective as a slug treatment. BARAFILM corrosion inhibitor is particularly useful to help protect metal surfaces in air, mist, and foam drilling operations.

- Inhibits hydrogen sulfide, carbon dioxide, or oxygen corrosion attack of metal surfaces
- Protects drillpipe in the hole when used as a slug treatment
- Inhibits formation of corrosion cells in air, foam or mist drilling, low-solids and weighted drilling fluids

- Mixes quickly with oil and/or solvents
- Helps provide effective corrosion inhibitor for all water-based drilling fluids
- Effective in small concentrations
- Solubilizes in oil allowing for efficient and even application of inhibitor
- Helps maintain stability at temperatures above 300°F (149°C)

- Appearance: Brown or black liquid
- Flash point, PMCC: 140°F (60°C)
- Specific gravity: 0.92
- Solubility: Oil soluble

www.halliburton.com/baroid

Because the conditions of use of this product are beyond the seller's control, the product is sold without warranty either express or implied and upon condition that purchaser make its own test to determine the suitability for purchaser's application. Purchaser assumes all risk of use and handling of this product. This product will be replaced if defective in manufacture or packaging or if damaged. Except for such replacement, seller is not liable for any damages caused by this product or its use. The statements and recommendations made herein are believed to be accurate. No guarantee of their accuracy is made, however.

BARAFILM is a trademark of Halliburton © 2010 Halliburton All Rights Reserved
1. Blend BARAFILM corrosion inhibitor in a hydrocarbon carrier between the following treatment ratios:
   • Maximum treatment - 1:6 14 gal BARAFILM corrosion inhibitor/86 gal oil
   • Minimum treatment - 1:13 7 gal BARAFILM corrosion inhibitor/93 gal oil
2. Apply the resultant mixture directly onto metal surfaces, coating all exposed surfaces inside and outside the pipe
3. Run tests using corrosion coupons to monitor the effectiveness of treatment levels
   Note: Reduced inhibitor concentrations will usually require more frequent treatments
4. Mix slug treatment of drillpipe in the hole
   • Initial treatment: Add 1-2 bbl (0.16- 0.32 m³) directly
   • Continuous treatment: Add 3-5 gal (11-19 l) every 24 hours
   Note: The inhibitor should be applied to the drillpipe rather than mixed into the drilling system. This can help permit better control of drilling fluid properties and can help avoid excessive corrosion inhibitor costs.

BARAFILM corrosion inhibitor is packaged in 55-gal (208-l) drums