



Drilling Fluids, Inc.

**DESCRIPTION**

# BIO-FILM C

BIO-FILM C is a specially formulated filming amine for use in drilling fluids and packer fluids.

**USES**

BIO-FILM C is used in fresh water drilling fluids and those containing corrosive salts. In packer fluids it is used to coat the tubulars and other tools during long exposure to harsh environments.

**BENEFITS**

BIO-FILM C forms a protective coat on the drillstring to protect it from corrosion. This includes conditions that may become extreme in the presence of untreated acid gasses. BIO-FILM C can be used in conjunction with the treatments for these acid gasses. BIO-FILM C helps prevent corrosion and pitting of casing, tubing and packers when ex-posed to water or mud for long static periods.

**TREATMENT**

BIO-FILM C is added in concentrations between 0.8 and 1.1 ppb. This application provides 2000 to 3000 ppm inhibitor. Packer fluids require treatments of 5 gallons per 100 barrels.

**FUNCTION**

BIO-FILM C coats the steel creating an impermeable layer preventing actual contact with salt water and other corrosives. This helps prevent any cathodic reaction that might damage the pipe or tools.

**TYPICAL PHYSICAL PROPERTIES**

Physical Appearance .....Amber viscous liquid  
Specific Gravity .....1.05  
pH in water.....6.6–7.5

**SAFE HANDLING RECOMMENDATIONS**

Utilize normal precautions for employee protection when handling chemical products. Use of appropriate respirator, gloves, goggles, and apron is recommended for employee comfort and protection. See Material Safety Data Sheet [MSDS] for this product prior to use.

**PACKAGING**

BIO-FILM C is packaged in 5 gallon plastic pails.

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