

NEWARMOR™

CORROSION INHIBITOR



NEWPARK
DRILLING FLUIDS

www.newparkdf.com

PRODUCT DESCRIPTION

NewArmor™ corrosion inhibitor is a cationic amine that forms a protective film on metals. The product also contains an oxygen scavenger, which removes the dissolved oxygen from the fluid, eliminating one of the major causes of downhole corrosion.

BENEFITS

The NewArmor film protects metal surfaces from corrosive liquids and gases while its scavenger removes dissolved oxygen, effectively minimizing the costs of corrosion-induced damage to downhole components.

APPLICATION

NewArmor corrosion inhibitor protects tubular goods in any water-based drilling, completion or packer fluid. Because of its cationic nature, the product may cause some flocculation of clay-based drilling fluids. Any undesired flocculation may be corrected by adding a deflocculant, such as lignosulfonates.

TREATMENT RECOMMENDATION

Normal concentrations are 5-15 gal/100 bbl. Higher mud weights or temperatures typically require a treatment level toward the higher end of the range. Pilot testing is recommended for heavy-weight drilling fluid or those containing high concentrations of low-gravity solids.

TYPICAL PHYSICAL PROPERTIES

Appearance..... Clear to brown liquid
Flash Point (PMCC)..... >200°F (93°C)
Specific Gravity..... 0.94

HANDLING AND STORAGE

Store in a cool, dry area away from ignition sources. Use appropriate hygiene, clothing and personal protective equipment suitable for work being done. Review the SDS thoroughly before using this product.

PACKAGING

NewArmor corrosion inhibitor is available in 5-gallon (19-liter) pails and 55-gallon (208-liter) drums.

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