

CYBERVIS™ RM

RHEOLOGY MODIFIER



NEWPARK
DRILLING FLUIDS

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PRODUCT DESCRIPTION

CyberVis™ RM rheology modifier is an organic polymeric material comprised of very high molecular weight organic acids. This material is an effective rheology modifier for the CyberDrill® synthetic-based drilling fluid system.

BENEFITS

CyberVis RM polymer is specifically engineered and field proven to provide increased low-end rheology and yield point.

APPLICATION

The primary application for CyberVis RM rheology modifier is in the preparation of new drilling fluids at the liquid mud plant where shear rates and mixing times are insufficient to fully stabilize the emulsion. The additive's effectiveness will diminish as bottomhole temperatures increase from 350°F (177°C) to 425°F (218°C).

TREATMENT RECOMMENDATION

Treatment levels are best determined by pilot testing, but generally will be less than 4 lb/bbl (0.55 gal/bbl). Over-treatment should be avoided in freshly mixed drilling fluids as the organophilic clays will fully yield and the emulsion will tighten after a few passes through the bit.

TYPICAL PHYSICAL PROPERTIES

Appearance.....Dark amber liquid
Flash Point.....280°F (138°C)
Specific Gravity.....0.87 (7.26 lb/gal)

HANDLING AND STORAGE

Avoid contact, inhalation and ingestion. Store in a cool, dry, well-ventilated area away from ignition sources and strong oxidizing agents. Keep container tightly closed. Use appropriate hygiene, clothing and personal protective equipment suitable for work being done. Review the SDS thoroughly before using this product.

PACKAGING

CyberVis RM rheology modifier is available in 5-gallon (19-liter) pails and 55-gallon (208-liter) drums.