

# DRILLEASE™ 252

PERFORMANCE ENHANCER



**NEWPARK**  
DRILLING FLUIDS

www.newparkdf.com

## PRODUCT DESCRIPTION

The DrillEase™ 252 performance enhancer was formulated specifically for mining applications. The product is a blend of Newpark Drilling Fluids' premier proprietary high-performance water-based drilling fluid products, including the performance enhancing technology of the Evolution® system and the shale inhibiting technology of the DeepDrill® system.

## BENEFITS

- Reduces torque in lower concentrations
- Provides borehole stability by reducing water activity and by attaching itself to shale surfaces
- Inhibits clays by providing a semi-permeable membrane on the shale interface to help minimize undesirable diffusion and osmotic effects of the clays
- Increases penetration rate and bit life
- Meets and/or exceeds environmental requirements

## APPLICATION

DrillEase 252 performance enhancer is used in any water-based system. It is extremely effective in drilling highly reactive clays and high-angle boreholes where it enhances penetration rates, reduces torque and drag, and inhibits shale. It is tolerant of cold ambient temperatures. The product is environmentally safe for all applications.

## TREATMENT RECOMMENDATION

Per 300 gallons or 1 cubic meter:

- For initial torque reduction, the concentration should be 2-4 quarts or liters
- For torque increases due to deviation and/or high-angle hole, concentration should be increased to 4-6 quarts or liters
- For clay inhibition and shale stabilization, the concentration should be 4-12 quarts or liters, depending on the reactivity of the clay/shale encountered

## TYPICAL PHYSICAL PROPERTIES

Appearance.....	Dark tan to brown liquid
Flash Point.....	>200°F (93°C)
pH (10% solution).....	6-7
Pour Point .....	-30°F (-34°C)
Specific Gravity.....	1.2

## HANDLING AND STORAGE

Ensure adequate ventilation. Store between 35° and 120°F (2° and 49°C). Use appropriate hygiene, clothing and personal protective equipment suitable for work being done. Review the SDS thoroughly before using this product.

## PACKAGING

The DrillEase 252 performance enhancer is available in 5-gallon (19-liter) pails. It can be made available in drums or bulk quantities with prior notification.

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