

**AES DRILLING FLUIDS**

## BENEFITS

- Effective in porous sands, gravels, and fractures
- Coarse material enables fracture plugging in severe lost control situations
- Readily disperses

## APPLICATIONS

- Effective in different concentrations as a slug treatment or as an additive to the entire drilling fluid system
- Active system concentrations range between 3 - 12 lb/bbl
- Pill treatments typically include 12 - 25 lb/bbl materials
- Performs well in combination with other lost circulation materials

## PHYSICAL PROPERTIES

- Particle Size Distribution (Typical percent retained, microns)

38μ	26%
150μ	20%
1000μ	14.5%
2000μ	12.9%
3350μ	5.6%

- Appearance: Fibrous coarse blend
- Specific Gravity: 1.63

# DRILLING PAPER

DRILLING PAPER is a blend of cellulosic fiber materials and ground paper used as a lost circulation material in water-based drilling fluids



DRILLING PAPER lost circulation additive

## Treatment Recommendations

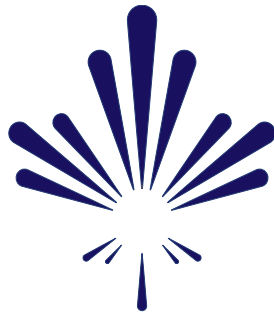
DRILLING PAPER is added to water-based drilling fluids to prevent or treat lost circulation. It can be added through the hopper or directly into the pit system. DRILLING PAPER performs well with other lost circulation materials and may be added as a pill or maintained in the active circulating system.

Pills concentrations range between 12 to 25 lb/bbl. Active system concentrations typically range between 3 and 12 lb/bbl. When losses are anticipated, pre-treatment is recommended.

As with any lost circulation material, confirm that surface and downhole equipment will tolerate the distribution and concentration of particles present prior to use.

## Packaging and Handling

DRILLING PAPER is available in 40 lb sacks. Handle DRILLING PAPER as an industrial chemical, wearing protective equipment and observing precautions as described in the Safety Data Sheet (SDS).



# **AES DRILLING FLUIDS**

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