

**AES DRILLING FLUIDS**

## BENEFITS

- Shear thinning characteristics and low shear viscosity provides excellent carrying and suspension properties
- Provides superior rheological properties for hole-cleaning
- Stable across a wide range of pH levels

## APPLICATIONS

- Typical concentrations range between 0.2 - 2.0 lb/bbl for most applications
- Add slowly through the hopper
- Pilot testing will aid to determine the appropriate concentration for a specific scenario

## PHYSICAL PROPERTIES

- Appearance: Tan powder
- Specific Gravity: 1.5 - 1.6

# ENERZAN<sup>†</sup>

ENERZAN is a xanthan gum biopolymer designed to provide water based systems with an optimum rheological profile featuring shear thinning characteristics and superior low shear rate viscosity.



ENERZAN sample (left) and viscous fluid containing 2 lb/bbl ENERZAN dispersed in water (right)

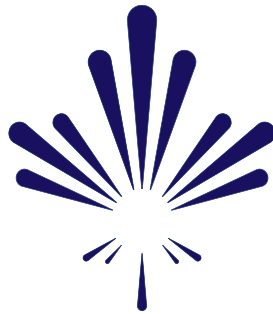
## Treatment Recommendations

Add ENERZAN slowly through the hopper to minimize the risk of fisheyes. Typical concentrations between 0.2 to 2.0 gal/bbl are effective for most applications.

Pilot testing recommended to determine the appropriate concentration for a specific scenario.

## Packaging and Handling

ENERZAN is available in 25 and 55 lb sacks. Handle ENERZAN as an industrial chemical, wearing protective equipment and observing precautions as described in the Safety Data Sheet (SDS).



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