

# ENERZAN<sup>†</sup>



## 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

0.2 - 2.0 lb/bbl (typical) 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 is a dry xanthan gum that provides viscosity in water-based drilling fluids.



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).



# **AES DRILLING FLUIDS**

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