

AES DRILLING FLUIDS

BENEFITS

- Stabilizes invert emulsion and supplements filtration control
- Blends readily with minimal shear in oil- and synthetic-based drilling fluid systems
- Effective over a wide range of oil:water ratios and internal phase salinities

APPLICATIONS

- EnerREACH or other invert emulsion drilling fluid systems. ENERMUL works synergistically with ENERVIS RM[†], ENERMOD ER[†], ENERSPERSE[†] and ENERWET[†]
- Initial systems require 0.5 to 1.0 gal/bbl . Add maintenance treatments as required.

PHYSICAL PROPERTIES

- Appearance: Amber liquid
- Specific Gravity: 0.95
- Flash Point: > 240°F

ENERMUL[†]

ENERMUL is an emulsifier package designed for use in the EnerREACH[†] drilling fluid system, providing a stable emulsion and secondary filtration control.



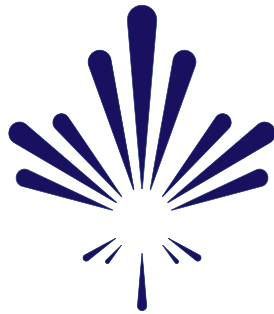
Filtrate (left) and filter cake (right) of EnerREACH system using ENERMUL at 300 °F. As part of a properly designed EnerREACH system, ENERMUL provides excellent filtration control and emulsion stability.

Treatment Recommendations

Typical base formulations contain 0.5 - 1 gallons of ENERMUL per barrel of drilling fluid mixed. ENERMUL works in combination with ENERWET[†] to provide a stable emulsion with oil-wet solids. Maintain product concentration while drilling, monitoring overall drilling fluid properties for treatment requirements.

Packaging and Handling

ENERMUL is available in 275 gallon totes. Handle ENERMUL as an industrial chemical, wearing protective equipment and observing precautions as described in the Safety Data Sheet (SDS).



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