



AES DRILLING FLUIDS

BENEFITS

- Emulsifier stabilizes invert emulsion and supplements filtration control
- Blends readily with minimal shear
- Effective over a wide range of oil:water ratios and internal phase salinities

APPLICATIONS

- AES VERT or similar diesel-base drilling fluid systems. Pilot test as needed.
- Typical treatment is 1 gal/bbl for a base formulation. Add maintenance treatments as required.

PHYSICAL PROPERTIES

- Appearance: Amber liquid
- Specific Gravity: 0.93 - 0.97
- Flash Point: > 200°F
- Pour Point: -8°F

AES MUL X[†]

AES MUL X is an emulsifier package designed for use in the AES VERT[†] drilling fluid system. It provides a stable emulsion and secondary filtration control in AES VERT drilling fluid systems.



Filtercake (left) and filtrate (right) of AES VERT system using AES MUL X at 250° F. As part of a properly designed AES VERT system, AES MUL X provides excellent filtration control and emulsion stability.

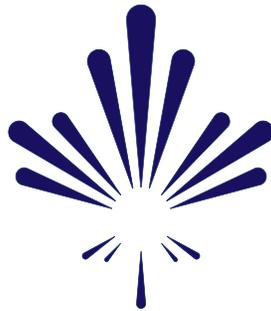
Treatment Recommendations

AES MUL X is a liquid additive used to prepare and maintain the AES VERT system while drilling. Typical base formulations contain 1 gallon of AES MUL X per barrel of drilling fluid mixed.

AES MUL X works in combination with AES WA II[†] 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

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



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