

AES MUL X[†]



BENEFITS

Stabilizes invert emulsion and supplements filtration control

Blends with minimal shear

Effective across a wide range of oil:water ratios and internal phase salinities



APPLICATIONS

AES VERT or similar diesel-based drilling fluid systems. Pilot test as needed.

1 gal/bbl (typical) for a base formulation. Add maintenance treatments as required.



PHYSICAL PROPERTIES

- Appearance: Amber liquid
- Specific Gravity: 0.91 - 0.94
- Flash Point: > 200°F
- Pour Point: -8°F

AES MUL X is the standard emulsifier package for the AES VERT[†] drilling fluid system that provides a stable emulsion and secondary filtration control.



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).



AES DRILLING FLUIDS

www.aesfluids.com

☎ Phone : 281 556 5628

✉ Email : info@aesfluids.com

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