



## 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

- Diesel-or-synthetic base drilling fluid systems. Pilot test as needed.
- Typical treatment is 1.0 - 1.5 gal/bbl for a base formulation. Add maintenance treatments as required.

## PHYSICAL PROPERTIES

- Appearance: Dark Amber liquid
- Specific Gravity: 0.92 - 0.96
- Flash Point: > 200°F
- Pour Point: -8°F

# SWP MUL<sup>†</sup>

SWP MUL<sup>†</sup> is an emulsifier package designed for use in oil-based and synthetic-based drilling fluid systems. It provides a stable emulsion and secondary filtration control in various invert emulsion systems.



SWP MUL emulsifier

## Treatment Recommendations

SWP MUL is a liquid additive used to prepare and maintain the invert emulsion systems while drilling. Typical base formulations contain 1.0 to 1.5 gallon of SWP MUL per barrel of drilling fluid mixed.

SWP MUL works in combination with SWP WET<sup>†</sup> 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

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



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