

MUL S secondary emulsifier

Helps maintain a tight HPHT fluid loss

Applications

- Prevents water in the filtrate
- Improves brine-in-oil emulsion characteristics
- Helps provide thermal stability

How it improves wells

MUL S* secondary emulsifier for oil-based fluid systems produces a stable invert emulsion with preferential wetting of solids by the continuous oil phase and helps maintain a tight HPHT fluid loss. Initial treatments normally range from 1 to 3 lbm/bbl depending on the type of base oil, total solids loading, desired properties, and other components of the system. Daily treatments enhance the emulsion characteristics of these systems.

How it works

MUL S emulsifier produces a stable invert emulsion over a wide range of oil/water ratios and temperatures between 250 degF and 300 degF when used with an appropriate organophilic clay, an HPHT filtration control additive, and a primary emulsifier such as MUL P* primary emulsifier. Pilot testing is recommended to determine the right treatment.

Toxicity and handling

Handle as an industrial chemical, wearing protective equipment and observing the precautions as described in the Safety Data Sheet (SDS).

Packaging and storage

MUL S emulsifier is available in 55-galUS [208-L] drums and 264-galUS [1,000-L] tanks. Store in a dry, well-ventilated area. Keep container closed. Keep away from heat, sparks, and flames. Store away from incompatibles. Follow safe warehousing practices.

Typical Physical Properties

Appearance	Dark liquid
Specific gravity	0.85–0.95

All specifications are subject to change without notice.