MUL P primary emulsifier
 Creates a stable brine-in-oil emulsion

Applications
- MUL P* primary emulsifier for oil-based fluid systems is recommended for use
- Recommended for use with the MUL S* secondary emulsifier to create a stable invert emulsion

How it improves wells
The MUL P primary emulsifier and the MUL S secondary emulsifier perform as multi-functional emulsifiers. They improve brine-in-oil emulsion characteristics.

How it works
MUL P emulsifier creates a stable brine-in-oil emulsion, improves HPHT fluid loss, improves electrical stability, and provides a stable rheological profile. Initial treatments usually range from 6 to 8 lbm/bbl depending on the oil/water ratio, mud density, and HPHT fluid loss target. Daily maintenance additions are usually recommended after the initial treatment in the 1- to 2-lbm/bbl range. MUL P emulsifier provides a stable emulsion up to 300 degF [149 degC] when used with a suitable secondary emulsifier, a high-performance organophilic clay, and HPHT fluid loss control additive. Pilot testing is strongly suggested to determine the actual treatment required to meet the desired fluid properties.

Toxicity and handling
Handle with care. Wear protective equipment and observe precautions described in the Safety Data Sheet (SDS).

Packaging and storage
Product 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.

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<th>Typical Physical Properties</th>
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<tbody>
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<td>Appearance</td>
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<td>Specific gravity</td>
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All specifications are subject to change without notice.