

BROMI-MUL™

EMULSIFIER

Product Description

BROMI-MUL™ emulsifier is specially designed to emulsify high density brines including bromide brines into diesel, crude or mineral oil based drilling fluid systems. BROMI-MUL emulsifier is utilized to prepare non-damaging, solids-free emulsions for drill-in and other sensitive applications. BROMI-MUL emulsifier can produce emulsions stable at temperatures exceeding 400°F (204°C).

Applications/Functions

- » Prepare non-damaging, solids-free brine/oil emulsions for drill-in, underreaming/gravel pack, packer fluids, and workover/completion
- » Emulsifies high density brines into diesel, mineral, and crude oils

Advantages

- » Helps provide excellent protection for sensitive pay zones
- » Helps form stable brine-in-oil emulsions
- » Easily added to high density brines
- » Stable at temperatures greater than 400°F (204°C)
- » System can be reclaimed and reused

Typical Properties

- » Appearance: Dark, viscous liquid
- » Flash point, PMCC: 347°F (175°C)
- » Specific gravity: 0.92

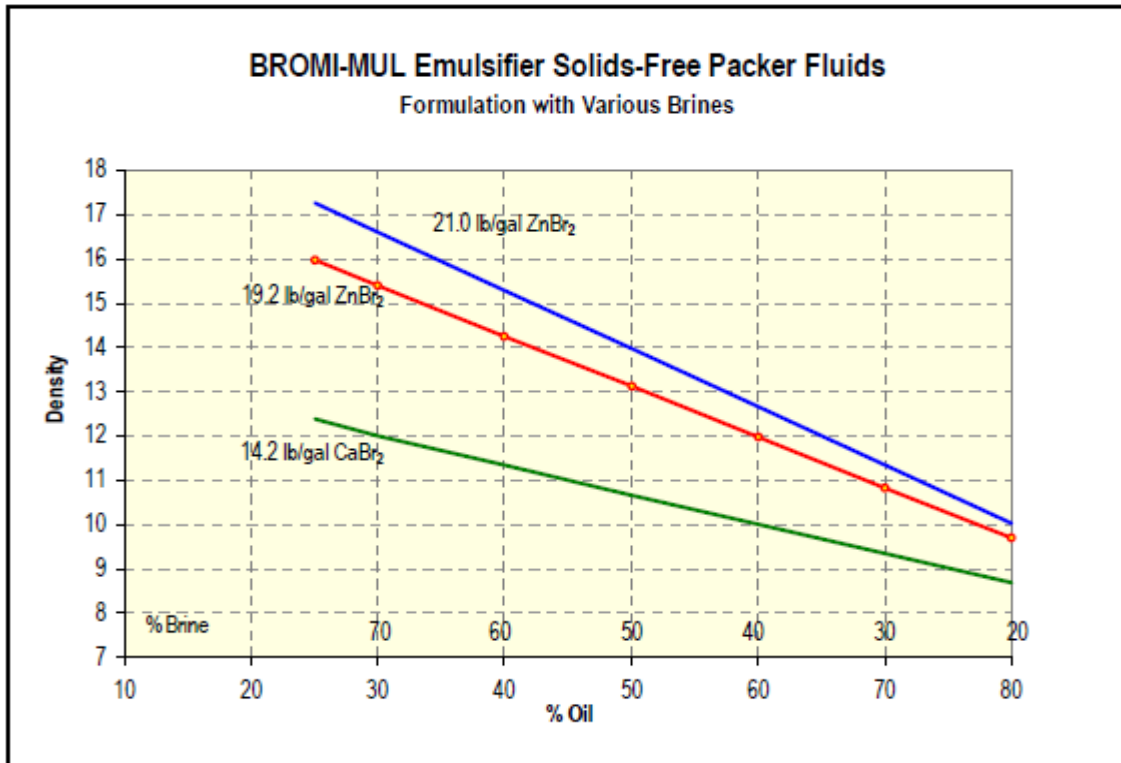
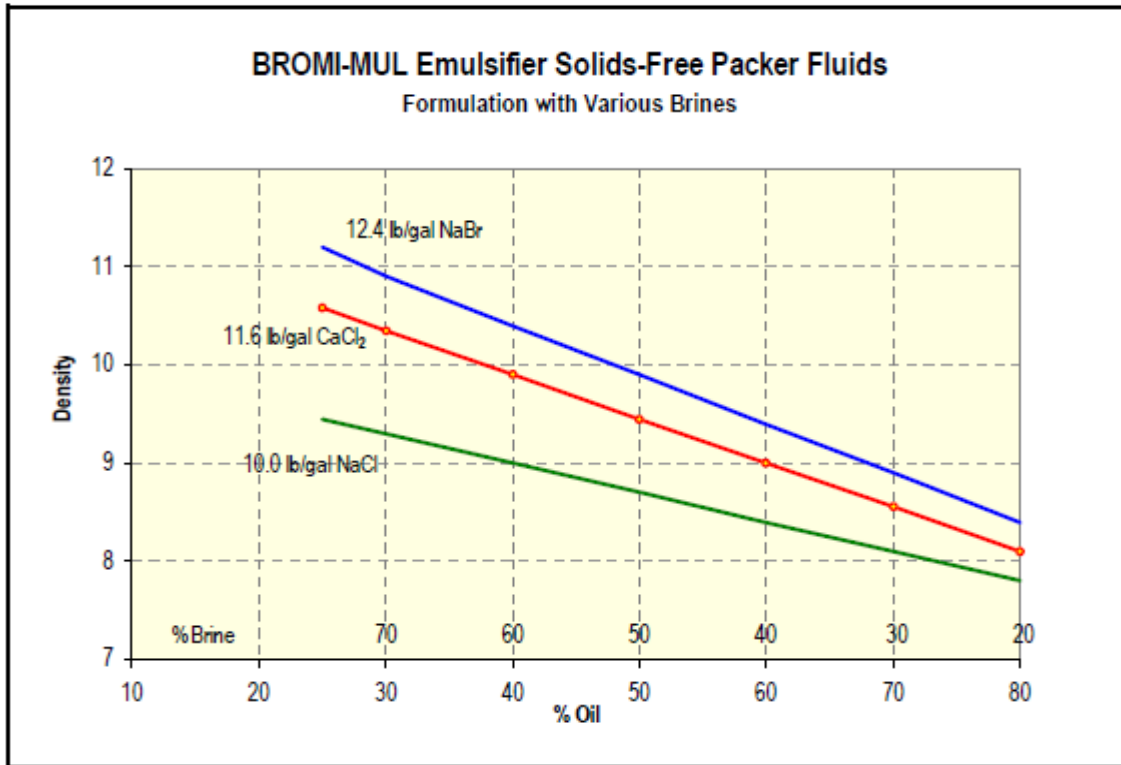
Recommended Treatment

Add 5-12 lb/bbl (14.3-34.2 kg/m³), 0.65-1.56 gal/bbl (15.5-37.2 l/m³) of BROMI-MUL emulsifier to the oil, then emulsify single salt or brine blends into the oil to achieve the desired fluid density or to assist in customizing these fluids, refer to the density charts on the next page.

Packaging

BROMI-MUL emulsifier is packaged in 55-gal (208-l) drums containing approximately 424-lb (192-kg) net weight.

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