

EZ-CORE™

EMULSIFIER

Product Description

EZ-CORE™ passive emulsifier is for use in all-oil coring and drilling fluid systems. EZ-CORE emulsifier becomes an active emulsifier only when lime or calcium oxide is added with water present. A passive emulsifier is often recommended for all oil drilling fluids to emulsify water that is incorporated into the fluid while drilling.

Applications/Functions

- » Helps provide in-situ emulsification of contaminating water in all-oil coring and drilling fluids
- » Helps maintain stable fluid properties without using strong emulsifiers or surfactants

Advantages

- » Helps minimize changes in formation wettability
- » Helps provide native-state cores
- » Effective in small concentrations

Typical Properties

- » Appearance: Yellow transparent liquid
- » Flash Point: 380°F (193°C)
- » Specific Gravity: 0.91

Recommended Treatment

Add 1-4 lb/bbl (2.9-11.4 kg/m³) of EZ-CORE emulsifier directly to the system.

Note: Maintain the system with 0.5-0.2 lb/bbl (1.4-5.7 kg/m³) of lime.

Packaging

EZ-CORE emulsifier is packaged in 55-gal (208-L) drums containing 418-lb (189.6-kg) net weight.

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