

1. Chemical Description

EMULAM SE is an extremely efficient, concentrate secondary emulsifier and wetting agent for invert emulsion muds.

2. Application

EMULAM SE is a multi-functional additive that produces a highly stable invert emulsion fluid. The oil phase may be diesel oil, mineral oil or any type of synthetic fluid; the water phase should be preferably be a calcium chloride brine.

EMULAM SE is designed to promote high level of emulsion stability, giving water free HTHP filtrates, even in absence of fluid loss reducers.

EMULAM SE is effective over a wide temperature range, oil/water ratios and mud weights, in the presence of contaminants and for reducing the adverse effects of water contamination. EMULAM SE oil-wets the barite and drill solids to prevent water wetting, improves thermal stability and Rheological stability.

EMULAM PE is particularly suggested to be used as a primary emulsifier for this system.

3. Treatment

Treatments can range from 1 to 6 lb/bbl (3-17kg/m³) depending on the type of oil, properties desired as well as other components of the drilling fluids. High temperatures and severe contaminations may require higher dosages.

4. Typical Properties

Appearance:	dark liquid
Specific gravity:	0.95-0.98
Pour point:	< 0°C
Flash point:	>100°C

5. Packaging

55 US gal non-returnable iron drums, palletized, strapped and shrink wrapped (4 drums per pallet)

Warranty: This information is given in good faith and to best of our knowledge. Every user of the product is responsible as regards observation of all legal regulations including patent laws. Detailed information on handling, and eventual precautions to be observed in the use of the product can be found on our relevant Safety Data Sheet.