



CAROUSEL

Tech Data Sheet

EMUL - 1

AN INVERT MUD PRIMARY EMULSIFIER CONCENTRATE

Description: EMUL - 1 invert mud primary emulsifier is comprised of oxidized and modified tall oil.

Applications: EMUL – 1 is a primary emulsifier used for formulating invert drilling fluids. It will provide high emulsification and some fluid loss control. EMUL - 1 is commonly used with secondary mud emulsifiers such as EMUL - 2.

Typical Properties:

Appearance	Dark, Semi-Viscous Liquid
Acid Value	192.0
Specific Gravity	.990 - 1.01 @ 25°C
Solubility in Water	Insoluble
Solubility in Oil	Soluble
Flash Point	>300°
Pour Point	30 - 40°F
Brookfield Viscosity @ 40°C	2,900 cps
Brookfield Viscosity @ 100°C	60 - 70 cps

Usage: This product is used as is at 5 - 7 pounds/bbl rate. Mix according to the standard mixing procedure. A secondary emulsifier is required to obtain desired wetting properties and fluid loss control.

Safety & Handling: This product is not classified as a hazardous substance. Please refer to the Material Safety Data Sheet (MSDS) for this product for additional information.