

ECOMUL

OIL MUD PRIMARY EMULSIFIER

DESCRIPTION

ECOMUL is an oxidized tall oil fatty acid primary emulsifier for invert oil drilling muds. It is used in diesel, mineral and synthetic oil base fluids. It works in high temperature environments and contributes to fluid loss control.

APPLICATION

ECOMUL is added to invert oil drilling muds to provide an oil-in-water emulsion. It emulsifies water and helps oil wet solids. It provides high temperature emulsion and rheological stability for drilling, spotting, packer and work over fluids.

RECOMMENDED TREATMENT

ECOMUL systems are prepared by mixing the proper amount of electrolytes, **ECOMUL** and lime to form a tight emulsion.

Standard System: **ECOMUL** is maintained in concentrations of 7 - 10 lb/bbl (20 - 28.5 kgs/m³).

Lite System: **ECOMUL** is maintained in concentrations of 3 - 5 lbs/bbl (8.5 - 14 kgs/m³).

As the temperature increases more **ECOMUL** is required.

TYPICAL PROPERTIES

Composition.....Oxidized Tall Oil Fatty Acid
Color.....Brown
Specific Gravity.....0.98
Flash Point.....410 F (210C) C.O.C.

PACKAGING

ECOMUL is packaged in 55 gal/drums (209 liters), 440 lbs (200 kgs.) net weight.

HANDLING

Normal storage and handling precautions for industrial chemicals should be taken.