

EXTRAMUL®S

OBM Secondary Emulsifier

Product Data Sheet

Description

EXTRAMUL®S is a highly effective 100% active secondary emulsifier for oil-based drilling fluids (invert emulsions).

It was developed for the purposes of providing and maintaining high electrical stability values and minimal HTHP fluid loss. It prevents water phase from appearing in the mud filtrate.

EXTRAMUL®S is mandatory to use in heavy muds, as it provides hydrophobic properties to the weighting agent and drilled solids, prevents solids from aggregation and agglomeration.

It stabilizes mud rheological properties at high bottomhole temperatures.

Application

- used as a supplementary OBM emulsifier in adverse downhole environments
- provides high electrical stability values
- provides HTHP fluid loss control

Advantages

- can be used with any type of base oil: diesel, crude, mineral oil
- promotes oil wetting in invert emulsions, can be used instead or in conjunction with the wetting agent WELLTREAT®

Recommended treatment

Recommended concentration – 2.5-5.0 ppb (7.0-14.0 kg/m³) depending on the mud weight, OWR and downhole temperature

It is recommended to add primary emulsifier EXTRAMUL®2000 first into the mud pit with the base oil, then - EXTRAMUL®S in the same pit, then – lime to activate the emulsifiers, then – mix with the brine (water phase).

It is recommended to use all available hydraulic and mechanical tools to mix the emulsion as much as possible.

Typical properties

Appearance – Amber to brown viscous liquid

Handling

Please refer to the MSDS for specific instructions

Packaging

EXTRAMUL®S emulsifier is packaged in 55 gal plastic or metal drums

Disclaimer: Prior to using this product, the user is hereby informed and cautioned to make their own determination and assessment of the safety and applicability of the product for the specific job. It is the final responsibility of the user to ensure that the product is suitable and the information is applicable to the user's specific application.



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