

## **OnyxMul S**

### **OIL MUD SECONDARY EMULSIFIER**

OnyxMul S is a sulfonated amine blended with wetting agents to be used as a co-emulsifier with or without OnyxMul P	<b>SECONDARY OIL MUD EMULSIFIER</b>
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#### **PHYSICAL PROPERTIES**

**FORM**  
Viscous Amber Liquid

**PACKAGING**  
208 Litre Drums

#### **COMPOSITION**

OnyxMul S is a concentrated blend of sulfonated amido amine derivatives containing oil wetting agents. The product may be used with or without a primary emulsifier. OnyxMul S is designed for use with OnyxMul S or other similar type primary emulsifier.

#### **APPLICATION**

OnyxMul S forms a stable water-in-oil emulsion when it is added to oil and water mixtures with proper agitation. It may be used with or without electrolytes added to the water phase.

#### **BENEFITS**

- Provides emulsion stability.
- Not affected by electrolyte concentrations in water phase.
- Compatible with other primary and supplemental emulsifiers
- Maintains good rheological properties.
- Imparts high temperature stability.
- Maybe used as a oil wetting surfactant.
- Designed for use with non-toxic oils, but works well in all types of common oils.

## **NORMAL TREATMENT**

Oil mud systems using OnyxMul S are easily prepared using the proper amounts of oil, water, OnyxMul S, and electrolytes (if required) to form a tight emulsion.

The standard system uses 1.0 to 4.0 ppb of OnyxMul S.

The relaxed system uses 2.5 to 5.0 ppb of OnyxMul S. In this system, OnyxMul P becomes the supplemental emulsifier.

Field use has shown that unweighted systems require very little primary emulsifier when using OnyxMul S.