

SECONDARY EMULSIFIER – INOBM 2000

PRODUCT OVERVIEW



Description

INOBM 2000 is a concentrated oil soluble secondary emulsifier used in the preparation of oil based drilling fluids. As a unique reaction product belonging to the chemical family of polyamido-imidazolines, **INOBM 2000** is capable of generating drilling fluid emulsion with low cost, high emulsion stability with water free HTHP filtrate.

INOBM 2000 may be used alone or in conjunction with typically used primary oil mud emulsifiers to produce high performance oil based drilling fluids with high rates of penetration (ROP). The product works well with all currently used drilling base oils in the drilling industry, including olefins, esters, low toxic-mineral oils, and paraffinic oils.

Specifications

• Appearance	Dark liquid
• Specific gravity @ 25 °C	0.95-0.96
• Acid Value, mg KOH/gm	45-55
• Amine Value, mg KOH/gm	8.0-10.0

Typical Properties

Flash Point, COC, oC : 65 Min.

Applications

INOBM 2000 may be used as a combination surfactant, oil wetting agent in a number of different oil mud systems, which may be adjusted to suit a variety of drilling conditions or economic requirements. In the majority of applications, **INOBM 2000** is used as a secondary emulsifier or wetting agent for the preparation of oil based or invert drilling mud emulsions of water/ brine, in a base oil or carrier fluid. In these applications, it is customary to begin the preparation of the oil-based drilling fluid emulsion by use of a suitable primary oil- mud emulsifier which requires lime addition.

Recommended Use

Typical usage concentrations for INOBM 2000 when used as a secondary oil mud emulsifier and wetting agent is 1 – 3 % (v/v) but the actual amount of the product used is dependent upon the nature and concentration of the primary mud emulsifier, the degree of mud electrical stability control desired and nature of other components in the mud.

Packaging

The product is supplied in Net 190 kg. MS drum or as per the customer's requirement.

Handling and Storage

Handling: Handle as per industrial chemical wearing personal protective equipments. Practice reasonable caution and personal cleanliness. Avoid skin and eye contact. Please refer material safety data sheet for safety and carefully handling of this product .

Storage: Store in a cool, dry, well ventilated place. Keep container tightly closed and away from incompatible materials.

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