

PETRO-MOD

RHEOLOGY MODIFIER

PETRO-MOD is a liquid organic gelling agent used as a low end rheology modifier in invert emulsion drilling fluids. PETRO-MOD is used to modify rheological properties, increasing shear thinning and thixotropic properties. The product is designed to work synergistically with Bri-Chem's base fluids and Bri-Chem's PETRO-line of products.

FEATURES AND BENEFITS:

- Increases low-shear viscosity with minimal effect on high end rheology.
- Provides increased hole cleaning and prevents barite sag in large diameter and horizontal wellbores.
- May be used in existing or freshly prepared systems.
- Improves emulsion quality and lowers HTHP filtration.

RECOMMENDED TREATMENT: 3-15 L/m³

Less PETRO-MOD is required in high brine content. PETRO-MOD is activated by calcium, shear and temperature. Circulation downhole through the drill string is required for full activation.

PHYSICAL PROPERTIES:

Appearance:	Dark liquid; aromatic odour
Initial Boiling Point:	>100° C
Flash Point:	> 63°C (closed cup)
Specific Gravity:	0.85-1.00

MIXING/HANDLING:

Mix through a mixing hopper slowly or directly into the tank via a chemical barrel. Adequate shear and time is required to activate the product. Refer to SDS for specific handling requirements.

MICROTOX® THRESHOLD: Not applicable

PACKAGING: 208L drum / 4 drums/pallet

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Performance Data: Laboratory Testing

