PAG 1000

P908.9704

WBM Drilling

Product Description

PAG 1000 is a water soluble polyalkylene glycol which is used to stabilize hydratable and dispersible shales and enhance the lubricating and fluid loss properties of water base drilling fluids.

Product Function

Stabilize hydratable and dispersible shales, enhance lubricity and improve the API fluid loss in WBM's.

Features and Benefits

PAG 1000 stabilizes shales by adsorbing onto clay surfaces and preventing the water from entering the clay matrix. PAG 1000, when it reaches its cloud point, forms a micro-emulsion which not only enhances lubricity, it has also shown to reduce the dynamic fluid loss and filter cake thickness. PAG 1000 improves the performance of PHPA based drilling fluids. The use of PAG 1000 enables water based mud usage where oil based systems was previously the only option. PAG 1000 has excellent ionic tolerance and is environmentally acceptable.

Recommended Treatment

PAG 1000 may be used in conjunction with most other common water based drilling fluid products. An addition level of 3–5% is recommended. Potassium ions are not required although enhanced performance is usually seen in their presence.

International Shipping References

Transportation of PAG 1000 is not restricted by any regulatory agency.

Standard Packing

PAG 1000 is packaged in 220 kgs net steel drum.

Safe Handling Recommendations

Utilize normal precautions for employee protection when handling chemical products. Utilize appropriate respirator, gloves, goggles and apron. Refer to the Material Safety Data Sheet (MSDS) for this product prior to use.

Typical Physical Properties

- Physical State: Liquid
- Reservoir Compatible: Both
- Sub Category: Glycols
- SG value: 1.01
- Specific Gravity (25 ?C): 1.00 - 1.03
- Cloud Point (5% in sea water) 10 ppb KCL: 115 ?C
- Cloud Point (5% in sea water) 35 ppb KCL: 71 ?C
- Max Temperature: 300
- Category: Lubricants
- Product Tier: Regular
- Appearance: Brown colour liquid
- Flash Point: >140 ?C
- Cloud Point (5% in sea water) 25 ppb KCL: 87 ?C
- Pour Point: -2 max

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