

EPISOL for oil-based drilling fluids is a fluid loss agent compounded from oil-soluble polymers and modified asphalt. This product can effectively control the fluid loss of oil-based drilling fluids, especially at high temperature and pressure. EPISOL can also increase drilling fluid blocking and lubricating performance, improve well bore stability. EPISOL can be used in diesel-based, white oil-based, and synthetic-based drilling fluids at the same time and is less affected by different types of surfactants in the system.

Typical Characteristics

Parameter	Specification
Appearance	Black powder
Oil Solubility	Soluble
Moisture (%)	≤ 10
HTHP FL @ 150°C (ml/30 min)	≤ 5.0

Application

Fluid loss agents can effectively reduce the amount of filtration. Meanwhile, it can also help increase drilling fluid blocking and lubricating performance, as well as improve wellbore stability. EPISOL can be applied at temperatures up to 220°C with great performance on effective filtration control and good system compatibility.

Packaging and Storage

EPISOL is packaged in 25kg Bag or 1MT Jumbo Bag.

Store in dry, well-ventilated area. Keep container closed. Keep away from heat, sparks and flames. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping and/or stacking.

Recommended Handling

All personnel handling this material must handle it as an industrial chemical, wearing protective equipment and observing the precautions as described in the Safety Data Sheet (SDS).

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