

AMC LIQUID ROD GREASE™

LUBRICANTS & CUTTING OILS



Description

AMC LIQUID ROD GREASE™ has the ability to adhere to the formation and the steel rods to dramatically improve lubrication and reduce rotational pressure and torque. AMC LIQUID ROD GREASE™ is non-toxic, environmentally acceptable and easy to apply.

Application

AMC LIQUID ROD GREASE™ has the advantage of being able to be applied while the rods are still in the hole and can also be applied when there are full returns or total loss of returns. AMC LIQUID ROD GREASE™ will significantly reduce vibration, torque and frictional drag and minimise wear of the drill string. It also provides a protective layer on the rods to prevent corrosion and minimises stuck pipe. AMC LIQUID ROD GREASE™ can be applied internally or can be poured directly into the annulus when returns are lost.

Retrieve the inner tube. Pour in the AMC LIQUID ROD GREASE™ then reconnect the rods and pump before introducing and lowering the next tube. To avoid core staining it is recommended the AMC LIQUID ROD GREASE™ be pumped for 2 – 3 minutes so the grease parcel has travelled sufficient distance down the rods to avoid the tube piecing and becoming smeared with grease. Breakout, lower and pump-down the inner tube and seat before resuming normal drilling operations.

Typical Physical Properties

Appearance:	Viscous light brown liquid
Solubility:	Immiscible
pH:	Neutral
Specific gravity:	0.8 – 0.9

Recommended Treatment

Apply 1 – 2 L down the rods after each core recovery for hole depths of between 0 m to 500 m. Pour 2 – 4 L down the rods after each core recovery for hole depths of between 500 m to 1500 m and 5 L or more after each core recovery for depths greater than 1500 m.

Advantages

- Economical
- Environmentally acceptable
- Easy to apply
- Improves production
- Stable at high pressures and temperature
- Reduces wear rates on rods, bit and reamers
- Improves run length and core recovery
- Protects rods from corrosion.

Please Note: Several factors will dictate the most appropriate concentration rate. Please contact your nearest AMC representative for optimum results.

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