

AMC BIODEGRADABLE ROD GREASE™

LUBRICANTS & CUTTING OILS



Description

AMC BIODEGRADABLE ROD GREASE™ is a biodegradable, non-toxic grease formulated from vegetable oils, specialised tackifiers and thickening agents to produce a very stable compound suited for use in areas where environmental protection is of paramount importance. AMC BIODEGRADABLE ROD GREASE™ contains no mineral oils, heavy metals, barium, environmentally unacceptable solvents, PSB's, copper or zinc compounds. Through enhanced surface sticking characteristics AMC BIODEGRADABLE ROD GREASE™ offers superior performance to reduce vibration and frictional drag between the rod and casing or rock strata.

Application

AMC BIODEGRADABLE ROD GREASE™ is designed to provide a thin tenacious and erosion resistant lubricic film coating for diamond drilling applications. When subjected to extreme down hole pressures, AMC BIODEGRADABLE ROD GREASE™ provides lubrication, minimizes wear and protects against erosion and corrosion. AMC BIODEGRADABLE ROD GREASE™ is normally applied by hand to the drill rod surface before it is lowered back into the hole.

To remove excess rod grease prepare 20 – 30 L of concentrated drilling detergent with 1000 L of water and circulate through the hole.

Typical Physical Properties

Appearance:	Green to brown and stringy with a mild odour
Flash point °C:	280 min
Solubility:	Insoluble in water

Advantages

- Easily applied
- Biodegradable
- Increases drilling efficiencies
- Adheres to the rod under virtually any condition
- Reduces rotational torque and vibration
- Protects against corrosion
- Thermally stable and extremely pressure resistant
- Reduces wear on the drill string
- Environmentally acceptable.

Recommended Treatment

DRY HOLE CONDITIONS	KG / 100 M	LB / 100 FT
N rods	5.0 – 10.0	3.4 – 6.7
H rods	10.0 – 15.0	6.7 – 10.0
P rods	15.0 – 25.0	10.0 – 16.8
Pressure cleaning	1:30 or 1:80	1:30 or 1:80

Hole conditions may vary so the grease should be used according to drilling conditions. As the grease builds up on the surfaces apply less after each bit change.

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

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