

AMC BIODEGRADABLE ROD GREASE™

Lubricants & Cutting Oils

IMDEX™

Description

BIODEGRADABLE ROD GREASE™ is a biodegradable, non-toxic grease formulated from vegetable oils to produce a tenacious grease recommended for use on diamond drill rods to reduce vibration and friction between the rod and casing or rock strata. BIODEGRADABLE ROD GREASE™ contains no mineral oils, heavy metals, environmentally unacceptable solvents, barium, copper or zinc compounds. It is well suited for use in areas where environmental protection is of paramount importance.

Application

BIODEGRADABLE ROD GREASE™ is particularly effective in dry hole drilling, is thermally stable and will perform in a variety of harsh conditions. BIODEGRADABLE ROD GREASE™ has excellent adhesion characteristics designed to provide exceptional film strength when subjected to extreme down hole pressures.

BIODEGRADABLE ROD GREASE™ is easily applied to the outside surface of the drill pipe prior to inserting into the hole. Heat is not required to soften the product before use.

Recommended Treatment

	kg/100m	lb/100ft
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

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.

Advantages

- Environmentally acceptable
- Biodegradable
- Reduces rotational torque and vibration in dry holes
- Protects metals surfaces
- Adheres to the rod under virtually any conditions
- Resistant to hard, saline water
- Thermally stable, extreme pressure resistance
- Can be applied to wet surfaces

Typical Physical Properties

Appearance:	Green to brown and stringy
NLGI grade:	3
Solubility:	Insoluble in water

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