



Royal Barium Rod Grease

Barium Complex Drill Rod Heavy Grease

Royal Barium Rod Grease is a premium high quality barium complex thickened grease, fortified with premium additives to provide excellent lubrication and adherence on metal surfaces. This grease is characterized by long-fibrous structures and has a highly tenacious appearance. This is recommended in drilling rod applications where adherence and sustainability on metal surfaces, in the presence of water, is desired. This grease possesses excellent extreme-pressure properties and long service life in recommended applications. The recommended application temperature is -18 °C (0 °F) to 150 °C (300 °F)

Product Features:

- Excellent adhesive and cohesive properties
- Outstanding water resistance properties
- Withstands heavy loads and protects from wear
- Good rust and corrosion protection

Customer Benefits:

- Capable of performing at high and medium low temperature applications and thus protects equipment under high temperature operating conditions
- Will resist rusting of equipment under water ingress conditions
- Will adhere to metal surfaces and will not wash away under severe water and chemical environments
- Long service life

Applications:

Royal Barium Rod Grease has an operating temperature range of from -18 °C (0°F) to 150 °C (300 °F), allowing it to perform in the most extreme duty applications. **Royal Barium Rod Grease** is recommended in diamond drill rod applications and reduces wear and friction between drill rod and rock strata. Besides drilling applications, this grease is also recommended in any application where high adherence on metal surfaces in the presence or absence of water.



Typical Properties

Product Code	8000	Test Method
Color	Amber	Visual
Texture	Smooth, Tacky	Visual
NLGI Grade	3.0	ASTM D 217
Worked Penetration	220-250	ASTM D 217
Drop Point, °F	400 min	ASTM D 2265
Viscosity @ 40 °C, cSt	224	ASTM D 445
Viscosity @ 100 °C, cSt	17.4	
Viscosity @ 100 °F, SUS	1194	
Viscosity @ 210 °F, SUS	89.9	
Viscosity Index	>80	ASTM D2270
Thickener Type	Barium Complex	
Water Spray Off %	<10	ASTM D 4049
Copper Corrosion	1b	ASTM D 4048

Health and Safety:

This product is unlikely to have any adverse health implications or safety hazards when used for its intended application. Avoid contact with skin, use resistant gloves when handling used oil. If skin comes in contact wash immediately with soap and water. For complete information on safe handling and product characteristics please refer to the Material Safety Data Sheet (MSDS) found on our website.

www.royalmfg.com or call (918)-584-2671.

Packaging options:



400 Lb. Drums



2,000 Lb.
Disposable Totes



50,000 Lb. Bulk