

## PRODUCT DATA SHEET

# Enviroguard Rock Drill Oils

## Biodegradable Rock Drill Oil



### PRODUCT DESCRIPTION:

*Enviroguard Rock Drill Oils* are specially formulated with high quality, biodegradable base oils to meet the need for an environmentally friendly product.

*Royal Enviroguard Rock Drill Oils* are formulated for the lubrication of pneumatic tools such as rock drills, percussion drills, pavement breakers, and jackhammers. These lubricants contain special extreme pressure and tackiness additives that increase film strength and guard against wear in adverse conditions.

*Royal Enviroguard Rock Drill Oils* also contain a special agent that displaces water from the metal surfaces so that the metal continues to be fully coated by a corrosion resistant oil. These lubricants are also suitable for the lubrication of pistons and packings of water injection pumps.

### KEY FEATURES:

- Contains no heavy metals
- High VI (Viscosity Index)
- Good low temperature performance

### CUSTOMER BENEFITS:

- Excellent anti-wear performance
- High oxidative stability
- High biodegradability

### APPLICATIONS:

- Recommended and designed for applications in sensitive areas

### PACKAGING:

Drums and Totes

### SPECIFICATIONS AND APPROVALS:

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### Typical Properties

Royal Enviroguard Rock Drill Oils				
Product Number	841	842	TBD	Test Method
API	23.14	22.98	23.45	-
Specific Gravity@60°F	0.915	0.914	0.9132	ASTM 4052
Lbs/Gal	7.62	7.628	7.605	
Density	0.91449	0.91549	0.91269	
Flash Point@°C	>440 F	>440 F	455 F	ASTM D445
Pour Point@°C	-27	-27	-28	ASTM D97
ASTM Color	Light Orange	Light Yellow	Yellow	ASTM D1500
Viscosity@40°C, cSt	12.77	14.96	27.64	ASTM D445
Viscosity@100°C, cSt	65.6	84.6	229.5	ASTM D445
Viscosity Index (VI)	191	181	155	

*Typical Properties are typical of those obtained with normal production tolerance and do not constitute essentially a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice.*

### Health and Safety:

*When used for its intended application, this product is not expected to have any adverse health implications. For complete information on safe handling, as well as physical and chemical characteristics please refer to the Material Safety Data Sheet (MSDS) found on our website, [www.royalmfg.com](http://www.royalmfg.com), or call 918-584-2671. Do not use this product for purposes other than its intended use. Please be responsible to the environment when disposing of used product.*