

### DESCRIPTION

BioGrease RC 1 is a premium quality biodegradable, Rail Curve Lubricant formulated from natural esters and a lithium-based thickener.

### FEATURES & BENEFITS

- Contains advanced extreme pressure additives for unsurpassed protection from wear
- Reduces friction and wear between track and wheel flange.
- Formulated to resist port plugging in wiping bars
- Longer carry down and increased retention
- Better gauge face coefficient of friction than most petroleum-based grease
- Less migration to top of rail than major petroleum-based grease
- Improves fuel efficiency and superior lubricity
- Higher flash point than petroleum greases for increased safety
- Biodegradable formula reduces damage to the environment
- Meets EPA's Environmental Preferable Purchasing (EPP) criteria
- Meets USDA's proposed Biobased product definition for EO 13101

### SUITABLE USES

- Designed for wayside applicators with wide temperature requirements
- Ideal for prolonged cold temperatures or hi-rail application
- Pumps and carries when using wayside application equipment and grease temperature is between 0°F and 100°F
- Recommended for heavy load applications such as coal trains

### COMPATABILITY

Recommended for all Portec®, LB-Foster and SKF and other brand lubricators

### APPLICATION / TECHNICAL SUPPORT

- Follow recommendations provided in your equipment owner's manual
- Follow your organization's best practices for preparation, cleaning, conversion, application, and ongoing maintenance practices

- **Technical Support** – If you have further questions, please fill out contact form on [bioblend.com](http://bioblend.com) and one of our team will contact you to review your question(s)

### APPROVALS / CERTIFICATIONS

- eSyn Certified
- Classified as environmentally acceptable lubricants (EAL's) as per EPA standards for biodegradability, toxicity and bioaccumulation in aquatic environments.

### PACKAGE SIZES

- 35 lb Pail
- 120 lb Keg
- 400 lb Drum
- 1893 lb Bin

### STORAGE

Keep in a cool, dry and well-ventilated place. Store in a properly labelled, original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage. To help maintain product quality, do not store in heat or direct sunlight.

### CAUTIONS

Ensure adequate ventilation. Do not breathe vapor/dust. Use personal protective equipment and avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. See the safety data sheet (SDS) for emergency, proper handling, and disposal information.

### AVAILABILITY

Worldwide

**TYPICAL PROPERTIES**

Technical Properties	RC 1
Product Code	BGRC1
Appearance	Dark Gray to Black
Base Oil Viscosity at 40°C (cSt)	86
Base Oil Viscosity at 100°C (cSt)	16
Base Oil Viscosity Index	201
Base Oil Flash Point, °C (°F)	326 (619)
Dropping Point °C (°F)	145-175 °C (293-347 °F)
Performance Properties	
Cone Penetration, Unworked	320-340
Four Ball Wear Scar (mm)	0.58
Four Ball Weld Load (kg)	500
Base Oil Biodegradability	Pass
Base Oil Aquatic Toxicity	Non toxic

The values quoted above are typical of normal production. They do not constitute a specification.

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**APPROVALS / CERTIFICATIONS LOGOS**

