

# BIOGREASE RC 1

**Overview:** BioGrease RC 1 is a readily biodegradable, Lithium 12-OH Stearate based rail curve lubricant designed to provide high film strength, withstand heavy load applications, and maintain excellent stability. BioGrease RC 1 features high load carrying and anti-wear characteristics along with low water washout properties. In addition, this product contains organic friction modifiers, special polymers for water resistance and adhesion, and graphite to dampen sound and improve overall performance.

## Specifications, Approvals, Recommendations:

- USDA BioPreferred Program

Physical Properties	RC 1
NLGI Grade	1
Penetration, ASTM D217	310-340
Color	Gray
Texture	Smooth
Viscosity, ASTM D445 @40°C, cSt	36
Viscosity, ASTM D445 @100°C, cSt	7
Viscosity Index, ASTM D2270	165
Flash Point, ASTM D92, °F (°C)	520 (271)
Fire Point, ASTM D92, °F (°C)	550 (287)
Copper Corrosion, ASTM D4048	1A
Dropping Point, ASTM D2265, °F (°C)	350 (176)
4 Ball EP Weld Load, ASTM D2596, kg	500
4 Ball Wear, ASTM D2266, mm	.55
Biodegradability, ASTM D5864	PASS

## Features & Benefits:

- Readily biodegradable
- Contains special polymers for water resistance and adhesion
- High load carrying performance
- Low water washout

