

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.



BioGrease RC 1 is formulated featuring our proprietary **eSyn™** technology. Available in NLGI grade 1

Typical Properties ▼

Property	ASTM Test Method	RC 1
Product Code		BG26001
NLGI Grade		1
Color		Gray
Texture		Smooth
Viscosity @40°C, cSt	ASTM D445	36
Viscosity @100°C, cSt	ASTM D445	7
Viscosity Index (VI)	ASTM D2270	165
Flash Point, °F (°C)	ASTM D92	520 (271)
Fire Point, °F (°C)	ASTM D92	550 (287)
4 Ball Weld, Kg	ASTM D2596	250
4 Ball Average Scar, mm	ASTM D2266	.61
Dropping Point, °F (°C)	ASTM D2265	>350 (176)
Copper Corrosion	ASTM D4048	1A
Readily Biodegradable (meaning>60%)		Pass

Key Attributes / Approvals ▶



- Readily biodegradable
- Contains special polymers for water resistance and adhesion
- High load carrying performance
- Low water washout
- Classified as Environmentally Acceptable Lubricants (EAL's) as per the EPA's guidance document that defines standards for Environmentally Acceptable Lubricants (EPA 800-R-11-002) and as required by EPA's 2013 U.S. Vessel General Permit (VGP)

See the Safety Data Sheet (SDS) for emergency, proper handling and disposal information.

Rev. BGRC1-05282020