

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, and special polymers for powerful water resistance and superior adhesion.



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