

DESCRIPTION

BioGrease GP is a readily biodegradable general-purpose grease designed for a variety of applications. This environmentally acceptable grease is formulated from high purity, natural ester base oils and thickened with shear stable lithium soap. The additive package contains the latest in ashless, rust and anti-wear technology in an ultra-low toxicity product. BioGrease GP utilizes an optimized blend of polymers which enable the product to function at temperatures well beyond the limits of other similar products.

FEATURES & BENEFITS

- Contains a shear stable lithium soap thickener for mechanical stability
- Utilizes a proprietary blend of polymers for use in high-temperature applications
- Excellent cold weather mobility
- Excellent adhesion and wear protection allowing for increased uptime
- Resists wash-off
- Prevents rust and corrosion
- Readily biodegradable and ultra-low toxicity

SUITABLE USES

Any industry (hydroelectric powered dams, construction, refuse, mining, dredging, marine, agriculture, plant operations, etc.) utilizing equipment with a need for a general-purpose grease, especially systems where a release into the environment is possible or where a leak or spill could reach a waste stream. Also suitable for use in automatic lubrication systems, as a mold release or via manual application.

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 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
- USDA BioPreferred – 92% biobased content

PACKAGE SIZES

- 35 LB Pails
- 120 LB Kegs
- 400 LB Drums
- 1893 LB Bins

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	Test Method	GP 00	GP 0	GP 1
Product Code		BGGP00	BGGP0	BGGP1
NLGI Grade		00	0	1
Color		Amber	Amber	Amber
Thickener Type		Lithium 12	Lithium 12	Lithium 12
Viscosity @40°C, cSt	ASTM D445	100	100	100
Viscosity @100°C, cSt	ASTM D445	21	21	21
Performance Properties				
Flash Point °F (°C)	ASTM D92	520 (271)	510 (266)	510 (266)
Fire Point °F (°C)	ASTM D92	520 (271)	510 (266)	510 (266)
Copper Corrosion	ASTM D4048	1A	1A	1A
Rust Test, A & B	ASTM D1743	Pass	Pass	Pass
Readily Biodegradable (meaning>60%)		Pass	Pass	Pass
Biodegradability	OECD 301B	>60	>60	>60
Minimally Toxic		Pass	Pass	Pass
Algae (EC 50), 72 hr, mg/L	OECD 201	>32,000	>32,000	>32,000
Daphnia (EC 50), 48 hr, mg/L	OECD 202	>26,000	>26,000	>26,000
Fish (LC 50), 96 hr, mg/L	OECD 203	>56,000	>56,000	>56,000

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

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APPROVALS / CERTIFICATIONS LOGOS

