

DESCRIPTION

BioGrease OG is an open gear NLGI 1 grease formulated from a blend of readily biodegradable, natural, and synthetic ester base oils. It is a lithium grease designed to provide tackiness and superior adhesion properties. Capable of handling loads at slow speeds in wet environments.

FEATURES & BENEFITS

- Very tacky formulation to help withstand high moisture environments
- Readily biodegradable
- Excellent at handling loads at slow speeds

SUITABLE USES

Trunnion wheels, ball mills, slides rails and augers used in the mining, marine and hydroelectric industries.

LIMITATIONS

Not designed for ultra-heavy loads. If you are unsure of application load and scale, please contact your BioBlend representative to review your application prior to use.

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

PACKAGE SIZES

- 25 Pack of Caulk Tubes

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

PROPERTY	TEST METHOD	OG #1
BioBlend Product Code		BGOG
Color		Black
Appearance / Texture		Smooth / Very Tacky
Thickener Type		Lithium
Base Oil Type		Synthetic Ester / Natural Ester
Base oil Viscosity @ 40°C, cSt	ASTM D-445	1908
Base oil Viscosity @ 100°C, cSt	ASTM D-445	227.4
Viscosity Index (VI)	ASTM D-2270	258
Penetration, Unworked	ASTM D-217	325
Penetration, Worked, 60x	ASTM D-217	325
4 Ball Weld (kg)	ASTM D-2596	620
4 Ball Wear, Coefficient of friction	ASTM D-2266	0.66 mm (COF=0.058)
Water Spray off, % loss	ASTM D-4049	2.9
Copper Corrosion, Rating	ASTM D-4048	1B
Rust Test, DI Water	ASTM D-1743	325
Dry Roll Stability, 2 hrs @ 25°C	ASTM D-1831	620
Wet Roll Stability, 10% Water, 2hrs @ 25°C	ASTM D-1831	15.12 %
Brookfield Viscosity, T-C Spindle 0°C		1,192,000 cP
-10°C		1,168,000 cP
20°C		6,960,000 cP
Lincoln Ventmeter, psi @ 0°C 32°F		320 psi
-10°C/14° F		650 psi
-20°C/-4° F		1180 psi
BioBased Content %	ASTM D-6866	>67
Biodegradability (>60 = PASS)	OECD 301B	>67

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

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APPROVALS / CERTIFICATIONS LOGOS

