

### DESCRIPTION

BioGrease TJC is formulated with high quality natural ester base oil and non-metallic solids, BioGrease TJC provides excellent protection against seizing and galling. This formula is also highly resistant to water washout and corrosion. It is easy to apply across a wide temperature range BioGrease TJC is a premium quality, non-toxic alternative to petroleum oil-based thread compounds, many of which contain a high percentage of metallic solids.

### FEATURES & BENEFITS

- Highly resistant to water washout and corrosion
- Easy to apply across a wide temperature range
- NSF/ANSI 61 Certified
- Readily biodegradable
- Formulated with high-quality natural ester base oil and non-metallic solids
- Excellent protection against seizing and galling
- Highly water resistant
- Corrosion resistant
- Easy to apply
- Free of PFAs
- Non-toxic

### SUITABLE USES

Any industry utilizing threaded compounds where a release into the environment is possible.

### COMPATABILITY

- For use on pipe threads used in most drilling applications

### Limitations

- Not for usage on extreme applications requiring high solids content (>30%)

### APPLICATION / TECHNICAL SUPPORT

#### Thread Preparation

- For best results, ensure that threads are clean and dry before applying

#### Coverage

- Normal usage per industry standards

- 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

- 4 x 10 LB Case
- 25 LB Pail
- 50 LB Pail
- 400 LB Drum

### 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	ASTM Test Method	TJC 1	TJC 2
Product Code		BGTJC1	BGTJC2
NLGI Grade		1	2
Color		Beige / White	Beige / White
Texture		Tacky	Tacky
Density, Lbs per gallon		10	10
Viscosity @40°C, cSt	ASTM D445	38.9	38.9
Viscosity @100°C, cSt	ASTM D445	8.4	8.4
Viscosity Index (VI)	ASTM D2270	201	201
Flash Point °F (°C)	ASTM D92	550 (285)	550 (285)
Corrosion Strip Corrosion	P112	1A	1A
Copper Corrosion	ASTM D4048	1A	1A
Rust Test, A & B	ASTM D1743	Pass	Pass
Readily Biodegradable (meaning>60%)		Pass	Pass
Biodegradability, %	OECD 301B	>80	>80
Dropping Point , °F (°C)	ASTM D2265	400 (205)	>530 (276)
4 Ball EP Weld Load, kg	ASTM D2596	>400	>620
Friction Factor	API RP 7A1	1.16	1.16

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

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**APPROVALS / CERTIFICATIONS LOGOS**

