

PRODUCT NAME

BioLube TJC (Thread Joint Compound)

MANUFACTURER

BioBlend Renewable Resources, LLC.
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OVERVIEW

BioLube TJC is formulated with high quality natural ester base oil and non-metallic solids, BioLube 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 BioLube 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 AND 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

PACKAGING

- 4 x 10 lb case
- 25 lb pail
- 50 lb pail
- 400 lb drum

SUITABLE USES

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

COMPATIBILITY

Compatibility for Intended Equipment – For use on pipe threads used in most drilling applications.

LIMITATIONS

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

COVERAGE

Normal usage per industry standards.

THREAD PREPERATION

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

STORAGE AND SHELF LIFE

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.

Shelf Life - Product shelf life is 24 months from date of packaging. In some cases product can last longer, please contact your BioBlend representative for proper testing and confirmation instructions.

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. Intentional misuse by concentrating and inhaling the product can be harmful or fatal. **KEEP OUT OF REACH OF CHILDREN.**

APPLICATION

- Follow recommendations provided in your equipment's owner's manual
- Follow your organization's manuals and/or best practices for preparation, cleaning, conversion, application and ongoing maintenance practices
- If you have further questions, please contact BioBlend Tech Services by filling out the contact us form on [bioblend.com](https://www.bioblend.com)

AVAILABILITY

Worldwide

APPROVALS / CERTIFICATIONS

- NSF/ANSI 61 Certified
- USDA BioPreferred Program
- Meets API RP 5A3

- 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)

TYPICAL PROPERTIES

Property	ASTM Test Method	TJC 1	TJC
Product Code		BG31001	BG31002
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

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