

BioLube TJC

BIODEGRADABLE THREAD / JOINT COMPOUND

DESCRIPTION:

BioLube TJC is a readily biodegradable thread compound for drill pipe and other threaded connections. It is formulated with high quality vegetable base oil and non-metallic solids, providing 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. **BioLube TJC** meets API RP 5A3.

FEATURES:

- ◆ High load, extreme pressure capability.
- ◆ Made with readily biodegradable, environmentally friendly vegetable oil.
- ◆ Metal-free.
- ◆ Advanced corrosion protection.
- ◆ Low water washout.
- ◆ Meets API RP 5A3.
- ◆ Friction Factor of 1.16 (API RP 7A1).

TECHNICAL DATA:

BioLube	TJC				
NLGI Grade:		2			
Color:	Visual	Beige / White			
Texture:		Tacky			
Penetration, worked:	ASTM D217	270			
Penetration, unworked:	ASTM D217	275			
Viscosity:					
@ 40° C, cSt:	ASTM D445	38.9			
@ 100° C, cSt:	ASTM D445	8.4			
Viscosity Index	ASTM D2270	201			
Flash Point - °F (°C):	ASTM D92	550 (287)			
Dropping Point - °F (°C):	ASTM D2265	>530 (276)			
4-Ball EP Weld Load, kg:	ASTM D2596	>620			
Rust:	ASTM D1743	Pass			
Copper Corrosion:	ASTM D4048	1A			
Copper Strip Corrosion:	P 112	1A			
Friction Factor:	API RP 7A1	1.16			

AVAILABLE PACKAGING:

1 gallon (10 pound) cans and 5 gallon (50 pound) pails.



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