



Overview

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

Typical Properties

Test Method	Test	BC181213
Visual	Color	Black
Visual	Appearance/Texture	Smooth/very tacky
Thicker Type		Lithium
Base Oil Viscosity, cSt (measured):		
D445	40°C	1908
D445	100°C	227.4
D2270	VI	258
Base Oil Type		Synthetic Ester/ Natural Ester
D217	Penetration, Unworked	325
D217	Penetration, Worked, 60X	325
D2596	4 Ball weld (kg)	620
D2266	4 Ball wear, Coefficient of friction	0.66 mm (COF=0.058)
D4049	Water Sprayoff, % loss	2.9
D4048	Copper Corrosion, Rating	1B
ECL Method	Evaporation Loss, % loss	325
D1743	Rust Test, DI Water	325
D1831	Dry Roll Stability, 2 hrs @ 25°C	620
D1831	Wet Roll Stability, 10 % Water, 2hrs@ 25°C	15.12%
OECD 301B (>60% PASS)	Biodegradability	>67%
ASTM D6866, %	Bio-based Content	>67%
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

Sustainable Performance

- High Moisture Environments
- Biodegradable, Renewable, Sustainable, Biobased