



Environmental Lubricants Manufacturing, Inc.

ELM Semi-Truck Fifth Wheel Grease NLGI Grade #2 Part Number: G-220 Biodegradable Lithium Grease

DESCRIPTION Fifth Wheel Grease is premium quality biodegradable, Biotech based™ multipurpose grease formulated from USA-grown vegetable oils and a lithium-based thickener.

**BIOBASED-
BIODEGRADABLE-
NON-BIOACCUMULATIVE** Based on evaluation of the base oils and the finished products, the ELM biobased products are designed to be biodegradable, aquatically non-toxic, not-bioaccumulative, and with no impact on plants as determined by known test methods. Nevertheless, the use of all of ELM products are subject to the local ordinances and ultimate responsibility for impact remains with the users.

APPLICATIONS Recommended for use on semi truck fifth wheel plates
Perfect for trailer hitches or other mechanical joints
Great protection from metal sliding contact

BENEFITS Provides superior lubricity to promote longer equipment life
Lithium based thickener resists thinning at high temperatures
Superior adhesion and resists water washout
Protects ferrous metals from rust and corrosion
Mostly benign when released into the environment
Contains advanced extreme pressure additives for excellent protection
Higher flash point than petroleum greases for increased safety
Biodegradable formula reduces damage to the environment
Meets EPA's Environmental Preferable Purchasing (EPP) criteria

**PERFORMANCE
LEVELS** Meets most manufacturer's specifications

TYPICAL PROPERTIES	Appearance	Red
	NLGI Grade	2
	Cone Penetration, Worked (60x)	265-295
	Four Ball Wear Scar (mm)	0.52
	Four Ball Weld Load (kg)	400
	Dropping Point °C (°F)	170 (338)
	Oil Separation	<5%
	Base Oil Viscosity at 40°C (cSt)	220
	Base Oil Viscosity at 100°C (cSt)	36
	Base Oil Viscosity Index	214
	Base Oil Flash Point, °C (°F)	326 (619)
	Base Oil Biodegradability – OECD 301	Pass
	Base Oil Aquatic Toxicity – OECD 202	Non-toxic
Base Oil Plant Toxicity – OECD 208	Non-toxic	

PACKAGING 14 oz Cartridges
35-lb Pails and 120 lb Kegs
2100 lb Totes

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