

5TH WHEEL BIOBASED GREASE

TECHNICAL DATA SHEET

BIODEGRADABLE GREASE FOR SLIDING SURFACES

PRODUCT DESCRIPTION:

5TH Wheel Biobased Grease is a superior biobased and biodegradable grease for sliding surfaces. This product is specially formulated to provide an economical, high-performance lubricant for applications such as 5th wheel tractor-trailer surfaces or marine push plates. It is a proprietary blend of renewable resources, heavy-duty solid lubricants and special additives. The product also provides anti-rust, anti-salt and anti-corrosion properties to withstand the harsh operating environments.

FEATURES & BENEFITS:

- Excellent adhesion to plate — Can even be applied when plate is wet
- Formulated for Extreme Pressures
- Rust, Salt and Corrosion protection
- Easily applied
- High compatibility with existing lubricant on plate
- Biobased & Biodegradable — made primarily from corn and soybeans
- Meets USDA's product definition for EO 13101
- Complies with State of Iowa SF 2249 for Purchasing Preference for Biobased Lubricants

APPLICATIONS:

Sliding surfaces commonly found within:

TRUCKING:

5th Wheels and Slide Rails

MARINE:

Slip-Ways, Push-Plates, Cables

FARM EQUIPMENT:

PTO Splines, Slide Surfaces

CONSTRUCTION EQUIPMENT:

Cables, Hoists, Slide Surfaces

USAGE:

Primary Service Intervals:

- Apply 5th Wheel Biobased Grease as needed.
- Apply 5th Wheel Biobased Grease to leading edge of surfaces.
- 5th Wheel Biobased Grease is intended for sliding surfaces and open lubrication only.

Intermediate Service Intervals:

- Apply to dry spots as needed.

PACKAGING: 500lb Drums, 120lb Kegs, 35lb pail, 15lb pail, 4 lb tub, and 10oz tube

TYPICAL PROPERTIES:

Chemical Type	Biobased Lubricant
Thickener Type	Calcium
NLGI Grade	1, 2, 3
Color	Green or Black
Texture	Tacky
Density	9.2 lb/gal
Base Oil Viscosity cSt @ 40°C	32.5 cSt 29.1 centipoise
Base Oil Viscosity cSt @ 60°C	18.28 cSt 16.2 centipoise
4-Ball Wear Test ASTM D-2266, mm	0.4
4-Ball Weld Load ASTM D-2596, kg	250
Flash Point	>200°C/392°F
Cone Penetration, worked 60 stokes	300 mm average
Additive Package provides rust and salt protection per ASTM D-665A ASTM D-665B	
Base Oil Biodegradability	Pass
Base Oil Aquatic Toxicity (Daphnia) LC50>1000 ppm	Pass
USDA Biobased Product Def.	E013101
Food Grade or Biodegradable	Biodegradable

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