

## Product Data Sheet

### Voo Dew Goo™

Lithium Complex, Extreme-Pressure Bicycle Lubricant

#### General Information

- Lithium complex lubricating grease for bicycles
- Specifically designed for bicycle owners who truly care about the maintenance & performance of their equipment
- Recommended for use in wet, muddy conditions, as well as snow & slush
- Contains Muscle MT-10... *The Original Metal Treatment™*

**Note:** If you prefer oil rather than grease for some lubrication points, try our Voo Dew™ Bicycle Lubricant which lubricates, cleans & protects.

#### Key Features & Benefits

- Recommended for all types of cycling – performance, mountain, road, etc.
- Repels moisture & resists water washout
- Provides maximum protection against wear
- Increases lubricity by reducing friction
- Adheres to metal parts
- Extends the life of lubricated components
- Protects against rust & corrosion in all temperatures & weather conditions

#### Typical Applications & Directions

- **A Note on Cleaning:** Keeping your bike clean is vital to the life of its components, not to mention the quality of your ride. Use Voo Dew™ Bicycle Lubricant to clean components before lubricating with Voo Dew Goo™ (“Goo”) to keep your bike in top riding condition. Be careful when cleaning around brake pads & wheel rims. Voo Dew™ Bicycle Lubricant is also a lubricating oil, which you *do not want to get on braking surfaces!* Use a degreaser,

rubbing alcohol or soap & water when cleaning these areas.

- **Drive Train:** The most important part of maintaining your bike is properly cleaning, lubricating & protecting the drive train. A clean and lubed chain retards the stretch caused by wear, which in turn is caused by dirt, rust and other grit. When you lube a dirty chain, you make the matter worse, so be sure to clean it first with Voo Dew™ Bicycle Lubricant. You can use Goo in wet, muddy, slushy & snowy conditions to lube the chain for a smoother, quieter & faster ride with fewer mechanical breakdowns, easier pedaling & smoother shifting. Wipe off excess lube.
- **Headset:** A well-adjusted and lubed headset will provide smooth, precise steering. A lot of debris can accumulate in the lower bearing, too, so unless you’re a professional bike mechanic, grab your Goo and bike and head to your local shop to have the headset serviced at least once a year.
- **Bottom Bracket:** The bottom bracket should be properly adjusted and greased because its responsibility is to transfer all of your pedal power to the drive train. If you’re hearing gritty noises or spinning performance isn’t smooth, it’s time to clean and re-lube the bottom bracket. After repacking the bearings with Goo, make sure the axle spins freely, but without any side-to-side play.
- **Front & Rear Hubs:** Wheel bearings should be cleaned and repacked at least once a year. Use Goo to lube and prevent bearing distortion, plus maximize performance with a smooth, quiet rotating action.

- **Handlebar Stem & Pinch Bolt:** Slide handlebar to the side, clean all surfaces and apply a thin layer of Goo to all mating surfaces to protect from corrosion and permit easier future adjustments.
- **Pedals:** Lube SPD pedals regularly. Strip down, clean and apply Goo. Also lube platform and resin pedals regularly, especially after a long, wet ride.
- **Bolts:** Apply a thin coating of Goo to bolts before assembling to protect from corrosion & seizing.
- **Cables:** Apply a thin coating of Goo to cables when they are being replaced.
- **Seat Post:** It's prone to corrosion and seizing. Clean first, and then apply a thin layer of Goo to the section that's inserted into the frame. Don't use too much – your seat may move too easily!

#### Availability

- 4-oz. tub
- Larger containers (i.e. 35-lbs., etc.) upon request

#### Typical Properties

NLGI Grade .....	2
Cone Penetration @ 77°F, worked 60 strokes .....	265-295
100,000 strokes .....	+ 10%
Appearance .....	Cream color, smooth/tacky semi-solid
Odor .....	Bland
Thickener Type .....	Lithium complex
Thickener Content .....	8 – 12%
Base Oil Viscosity ... 775 – 825 SUS @ 40°C ..... 75 – 85 SUS @ 100°C	
Viscosity Index .....	95
Corrosion Test .....	Pass
Dropping Point .....	500°F (260°C)
Melting Point.....	500°F (260°C)
Boiling Point .....	700°F (371°C)
Flash Point .....	475°F (246°C)
Fire Point.....	580°F (304°C)
Pour Point .....	0°F (- 17.8°C)
Roll Stability .....	± 6
Oxidation PSI @ 100 hr., 500 hr. ....	5, 10

Specific Gravity @ 16°C (61°F) .....	0.86
Solubility in Water .....	Negligible
Water Resistant .....	Yes
Water Washout @ 170°F (77°C) .....	3 – 8
Timken OK Load, Lbs. Min.....	60
Shear Stability .....	< 10%
Wheel Bearing, % Loss .....	0 – 1
Four Ball EP Weld, Load kgf .....	500
Four Ball EP Test LWI .....	75
Mobility, g/min 0°C .....	3
Mobility, g/min 20°C .....	35

#### Health & Safety Hazards


**WARNING!** May cause eye irritation. May cause skin irritation. Aspiration hazard if swallowed – can enter lungs and cause damage.

**WARNING!** Slipping hazard if spilled.

Consult Material Safety Data Sheet for additional information.

#### U.S. DOT Freight Classification

- Identification Number: Not regulated.
- Proper Shipping Name: Lubricating grease.
- Hazard Class: Not applicable.
- Packing Group: Not applicable.



***“The Strength in Lubrication”<sup>®</sup>***  
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