

**BIODEGRADABLE**  
**NATURAL**



**BIO-OILS**  
**BIO-GREASES**

**SUPERB QUALITY**

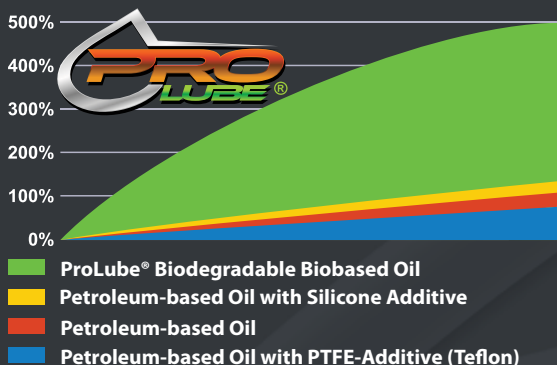
**WWW.PROLUBE.DE**



## 500% HIGHER LUBRICATION QUALITY \*

Our products are made from base biobased oils that offer up to 500% Higher Lubrication Quality than petroleum oils for increased safety and meet the highest environmental requirements - ISO 14001. Due to their unique polarity, Prolube vegetable base oil molecules tightly bond and stick to metal surface forming a strong, and durable film layer with extraordinary lubrication properties. Higher oxidation stability, low temperature flowability, delivers high thin film strength and offers superior lubricity and high-temperature stability. Prolube lubricants reduce friction generated high operating temperatures, and diminish friction and wear better and are much more efficiently than conventional greases and oils.

### PROLUBE® COMPARISON OF FORCE TO SEIZE FAILURE\*



\* The comparison of force (weld load and wear behavior) of the Prolube® base oil with conventional products for industry and everyday application. The test procedure was carried out using professional Timken and Pin & Vee Block Test Equipment - acc. ASTM D 3233 A.

Even at high rotational speed, extreme pressure loads and high operating temperatures, the Prolube® products ensure excellent lubrication, sustainable protection and long grease or oil change intervals.





## ECO-FRIENDLY®

Prolube® Greases and Oils are a premium quality products that are bio-based, biodegradable, environmentally friendly and renewable. They are produced from highest quality primarily renewable rapeseed oil. Using our products, translates into care for the environment. Our products meet the stringent requirements of the tests OECD 301 biodegradation tests, do not bioaccumulate, are not toxic to plants and are neutral in the water. There are several levels of biodegradation, as determined by ASTM with "ultimate biodegradability" as well as the highest standard of evaluation ranking (2.1 ASTM D - 5864), requiring that at least 60 % of the product must biodegrade within 28 days.

Our products are made from base oils that offer higher flash point than petroleum oils for increased safety and meet the highest requirements of enterprises - ISO 14001. Combined with extreme pressure additives to minimize friction, wear and offer extreme performance in all demanding applications. Our biodegradable greases and oils are premium quality products that are biobased, water washout resistant and are much more efficient than conventional greases and oils. ProLube products are designed for highest severity applications as well as being suitable for environmentally sensitive areas.

## USDA BioPreferred® Program

Our products meets USDA guidelines - USDA BioPreferred® Program

In addition to the sustainability advantages of ProLube® products versus their conventional counterparts, our products also meet the latest requirements of the new USDA BioPreferred® labeling programs that states that a product must meet a minimum required level of bio-content to display the mark.

Our Bio-based products are made of agricultural ingredients – renewable crop oils like rapeseed oils. - they are biodegradable, environmentally friendly and renewable.

**USDA BioPreferred Program:** The purpose of the USDA BioPreferred® program is to promote the use of biobased products. The increased purchase of biobased products will promote economic development, provide new markets for agricultural-based products, reduce petroleum consumption, increase the use of renewable resources, better manage the carbon cycle and reduce adverse environmental and health impacts.

**Biobased Content:** This is the amount of biobased carbon in the material or product expressed as a percentage of weight (mass) of the total organic carbon in the material or product. The biobased content is measured using ASTM Method D6866, Standard Test Methods for Determining the Biobased Content of Natural Range Materials Using Radiocarbon and Isotope Ratio Mass Spectrometry Analysis.



## NSF INTERNATIONAL® Certification #C0207169

**Products Listed # 149703, 149695, 149696, 149697**

Our Prolube® biobased products - NSF H1, H2 Bio Greases and Bio Oils are designed for the food industry and are certified by NSF International. NSF is an organization that promotes the highest standards in the food industry. The National Sanitation Foundation (NSF International) is an independent public health and safety organization whose influence and stringent standards for developing public health regulations, certifying equipment and products, and educating people about public health reach around the globe. They are also known internationally for providing risk management for public safety. Their motto is "the public health and safety company," and it is a testament to their prominence in the fields of food service, healthcare, and more. There is no other company better known for strict public health standards and rigorous testing of products. NSF International is dedicated to leading the industry the world over in providing public health education and safety-based risk management solutions.

**The NSF Mark:** This mark is your assurance that the product has been tested by one of the most respected independent certification organizations in existence today. It is valued by consumers, manufacturers, retailers and regulatory agencies worldwide. The NSF certification mark on a product means that the product complies with all standard requirements. NSF conducts periodic unannounced inspections and product testing to verify that the product continues to comply with the standard. NSF Mark is a synonym of safety.







## PROLUBE® MULTIPURPOSE **BIO** LUBRICANT & PENETRANT

Biodegradable Bio-Based Lubricant & Penetrant

PROLUBE® Thousands of applications – from industry to DIY. It provides up to 500% better lubrication than petroleum based products or similar products. Ideal for lubricating bearings, locks, chains, cog wheels, metal cables, reels, lawnmower parts, hinges, doors, windows, rollers, sewing machines, sliding parts, and air-conditioning parts. It adheres to every surface, deters water and is not “pushed away” under high revolutions, e.g. in motorcycle chains. It is safe for plastics, rubber and o-rings. Thanks to its high flash point it reduces fire hazards. It is excellent as a cooling agent when working with metal – while drilling, milling, threading, reaming, cutting and grinding. It penetrates deeply, loosening mechanisms that are rusty or stuck. It deters water and protects against rust and corrosion – it has excellent dielectric and conservational properties.

It does not contain irritants, crude oil (or petroleum based oils), chlorine or silicones. It is safe in contact with the skin and reduces potential for allergic reactions.

The aerosol spray is fitted with a 360° nozzle and also works upside down.

**Base Oil Flash Point: +312°C**

**Base Oil Fire Point: +350°C**

**Pour Point: -22°C**



- # PRO 6006 55 ml Pump spray, 36 pcs. / display carton
- # PRO 6012 240 ml Aerosol, 24 pcs. / display carton
- # PRO 6014 400 ml Aerosol, 12 pcs. / display carton



## PROLUBE® **BIO** PENETRANT & RUST INHIBITOR

Biodegradable BioBased Penetrant & Rust Inhibitor

**Recommended for use in the demanding conditions of industry and transport.**

Thanks to the low viscosity and its built-in wetting agents it penetrates deeply, removes rust, and loosens mechanisms that are frozen or stuck. It is ideal for rusty bearings, locks, hinges, screws, bolts, cables, chains, exhaust systems, suspension parts, the renovation of old machines and engine parts. The durable oil film protects welds. It is safe because its flash point is twice as high as that of products on petroleum basis. It deters water and leaves a protective film that prevents rust and corrosion.

It does not contain irritants, crude oil, chlorine or silicones. It is safe in contact with the skin and reduces potential for allergic reactions.

The aerosol spray is fitted with a 360° nozzle and also works upside down.

**Flash Point: +168°C**

**Pour point: -20°C**



- # PPO 6022 240 ml aerosol, 24 pcs. / display carton
- # PPO 6024 400 ml aerosol, 12 pcs. / display carton







## BIO-GREASES

Prolube® Greases are premium quality bio greases that are biodegradable, water washout resistant, formulated with the best European crop oils and lithium complex based thickener and extreme pressure additives for extreme performance. Our products include EP additives to minimize friction and wear. Prolube® Greases meets the highest rating of the National Lubricating Grease Institute (NLGI) as "GC-LB" specification for fretting wear protection, oxidation & thermal stability, resistance to wear, corrosion and rust along with compatibility with commonly used elastomeric components and metals. Prolube® Grease meets OECD 301 tests for biodegradability, the USDA content criteria for Biobased labels and is non-bioaccumulative, not toxic to plants, and aquatically non-toxic. Note: the user of all Prolube® products is responsible for ensuring the use of these products meets the local laws and ordinances.



### EPM BIO-MULTIPURPOSE LITHIUM EP GREASE

Prolube® Bio-Multipurpose Lithium EP Grease – is a grease of the highest quality and is biodegradable. The EP additives improve its ability to function under extreme pressure and heavy loads. It is water resistant and can be used in all weather conditions. It conserves energy, has dielectric properties and leaves a protective film that prevents rust and corrosion. Bio-Multipurpose Lithium EP Grease conforms to the requirements of the National Lubricating Grease Institute (NLGI) for "LB" norms for the best protection against wear and tear, oxidation, corrosion and friction. It can be used in a wide range of operating temperatures and the high flashpoint lowers friction and wear and tear of all the moving parts, thereby making usage safer. It can be used on all metals and even plastics. It finds a wide range of usages in light and heavy industries, construction equipment, roadwork machines, mining equipment, ships, as well as passenger cars and trucks.

Ideal for: bearings, articulated joints, transmissions, slides, shafts, rollers, cog wheels, water pumps and many others.

#### TECHNICAL SPECIFICATIONS:

NLGI Grade "LB"	2
Color	Caramel
Operating temperature range	-42°C to +145°C
Dropping point	+195°C
Base oil flash point	+329°C
Base	Lithium



- # EPM 6101 400 g Cartridge, 12 pcs. per box
- # EPM 6103 4,5 kg Plastic pail
- # EPM 6104 18 kg Plastic pail
- # EPM 6105 182 kg Metal drum



### WLP BIO WHITE LITHIUM EP GREASE

Prolube® Bio White Lithium EP Grease – is a grease of the highest quality and is biodegradable. The EP additives improve its ability to function under extreme pressure and heavy loads. It is water resistant and can be used in all weather conditions. It conserves energy, has dielectric properties and leaves a protective film that prevents rust and corrosion. Bio White Lithium EP Grease conforms to the requirements of the National Lubricating Grease Institute (NLGI) for "LB" norms for the best protection against wear and tear, oxidation, corrosion and friction. Bio White Lithium EP Grease is an excellent grease that has hundreds of application possibilities in all branches of industry and transport. It can be used in a wide range of operating temperatures and the high flashpoint lowers fire hazards, thereby making usage safer. The white color helps finding occasional pollution areas faster than conventional greases and helps to protect your expensive equipment. It can be used on all metals, metal on metal contact, and plastic on metal.

It lubricates throttle cables, clutches, speedometers, seat runners, hinges, doors, bolts, battery clamps, window and wiper mechanisms, and many others.

#### TECHNICAL SPECIFICATIONS:

NLGI Grade "LB"	2
Color	White/Off-white
Operating temperature range	-40°C to +145°C
Dropping Point	+190°C
Base Oil Flash Point	+329°C
Base	Lithium



- # WLP 6108 400 g Cartridge, 12 pcs. per box
- # WLP 6109 4,5 kg Plastic pail
- # WLP 6110 18 kg Plastic pail
- # WLP 6111 182 kg Metal drum





## EPA BIO-PREMIUM MARINE EP GREASE

**A Premium Grease for extreme loads and temperatures – a biodegradable and water-resistant grease with EP on a lithium complex basis.**

Prolube® Bio-Premium Marine EP Grease - It has excellent lubricating properties. It is a high-quality grease that is biodegradable, water-resistant and prevents corrosion. It withstands all weather conditions, salt water and rinsing with water. It has been created for mechanisms that are submersed in sea water for long periods of time. It contains thickeners and EP additives, which assist in resisting extreme loads and guarantee highly efficient use. Prolube® Bio-Premium Marine EP Grease conforms to the highest requirements of the National Lubricating Grease Institute (NLGI) for "GC-LB" norms that are the highest for extreme performance, for the best protection against wear and tear, oxidation, corrosion and friction. Created to be used in a wide range of operating temperatures. It reduces noise and vibrations.

Ideal for the marine industry: ship equipment, high and low gear equipment, bearings, cog wheels, runners, rollers, slides, bolts, cables, wire ropes, shafts, cardan shafts and hundreds of other applications where extreme pressure and loads occur.

### TECHNICAL SPECIFICATIONS:

NLGI Grade "GC-LB"	2
Color	Aqua Blue
Operating temperature range	-43°C to +222°C
Dropping point	+280°C
Base oil flash point	+329°C
Base	Lithium Complex



# EPA 6121	400 g Cartridge, 12 pcs. per box
# EPA 6122	4,5 kg Plastic pail
# EPA 6123	18 kg Plastic pail
# EPA 6124	182 kg Metal drum



## EPX BIO-PREMIUM RED EP GREASE

**A Premium Grease for extreme loads and temperatures – a biodegradable and water-resistant grease with EP on a lithium complex basis.**

Prolube® Bio-Premium Red EP Grease – It has excellent lubricating properties. It is a high-quality grease that is biodegradable, water-resistant and prevents corrosion. It withstands all weather conditions, salt water and rinsing with water. It contains EP additives, which assist in resisting extreme loads and guarantee highly efficient use.

Prolube® Bio-Premium Red EP Grease conforms to the requirements of the National Lubricating Grease Institute (NLGI) for "GC-LB" norms, that are the highest for extreme performance, for the best protection against wear and tear, oxidation, corrosion and friction. It reduces noise and vibrations. Created to be used in a wide range of operating temperatures.

It is ideal for: wheel bearings, high speed bearings, saws, slides, chains, cog wheels, sprockets, open gear transmissions, rollers, shafts, bolts, sifters, conveyor belts, crushers – this fantastic grease is applicable in all branches of industry and transport; for all conditions that involve extreme pressure and load.

### TECHNICAL SPECIFICATIONS:

NLGI Grade "GC-LB"	2
Color	Red
Operating temperature range	-43°C to +222°C
Dropping point	+280°C
Base oil flash point	+329°C
Base	Lithium Complex



# EPX 6116	400 g Cartridge, 12 pcs. per box
# EPX 6118	4,5 kg Plastic pail
# EPX 6119	18 kg Plastic pail
# EPX 6120	182 kg Metal drum



## EMP BIO-MOLYBDENUM EP GREASE MoS2

Prolube® Bio-Molybdenum EP Grease MoS2 – Strengthened with molybdenum disulphide and EP additives to assist in resisting wear and tear, extreme loads and pressure. It is fully resistant against rinsing, superbly conserves machinery, protects against rust and has dielectric properties. It can be used on all metals and even plastics. It conforms to the requirements of the National Lubricating Grease Institute (NLGI) for “LB” norms for the best protection against wear and tear, oxidation, corrosion and friction.

Bio- Molybdenum EP Grease is an excellent grease that has hundreds of application possibilities in all branches of industry. It reduces noise and vibrations. The high flashpoint lowers fire hazards and its high viscosity index base oil improves friction and wear and tear of all the moving parts and varying temperatures, thereby making usage safer.

Ideal for: switches, overhead cranes, shafts, joints, cog wheels, sliding discs, chassis and fifth wheel, tractors, bulldozers, forklifts, cranes and other industrial equipment that operates in humid environments and under extreme conditions.

### TECHNICAL SPECIFICATIONS:

NLGI Grade “LB”	2
Color	Silver-Gray
Operating temperature range	-30°C to +145°C
Dropping point	+200°C
Base oil flash point	+329°C
Base	Lithium



# EMP 6112	400 g Cartridge, 12 pcs. per box
# EMP 6113	4.5 kg Plastic pail
# EMP 6114	18 kg Plastic pail
# EMP 6115	182 kg Metal drum



## NHF H1 BIO-FOOD GRADE MACHINERY GREASE NLGI 1

A biodegradable grease that is based on organoclay.

It is produced according to the NLGI Grade 1 consistency.

Prolube® H1 Bio-Food Grade Machinery Grease NLGI #1 is a Premium grease based on organoclay. In combination with high-quality additives it resists extreme loads, steam, acids and alkaline solutions. It has anti-corrosion and anti-oxidation properties. It was created for use in very high operating temperatures and is resistant to warm and cold water and rinsing. It can be used with most elastomeric components, with plastics and all metals. It offers the highest efficiency in the food processing industry. It has been registered and accepted by USDA BioPreferred®, NSF International® for incidental contact with food – cert. no. 149703. It was developed for the food processing industry (agriculture, sugar production, bakeries, meat processing plants, vegetable and oil production), and the cosmetic and pharmaceutical industries.

It can be used for: central lubrication systems, belt-drive cogs, chains, sliding discs, runners, rollers, cog wheels and other mechanisms that work in a wide range of operating temperatures and require greases that can come into incidental contact with food.

### TECHNICAL SPECIFICATIONS:

NLGI Grade	1
Color	Ivory
Operating Temperature Range	-20°C to +250°C
Dropping point	None
Base Oil Viscosity Index	213
Base	Organoclay



# NHF 6301	400 g Cartridge, 12 pcs. per box
# NHF 6302	18 kg Plastic pail
# NHF 6304	182 kg Plastic pail



Nonfood Compounds  
Program Listed H1  
Registration # 149703







## NHF H1 BIO-FOOD GRADE MACHINERY GREASE NLGI 2

A biodegradable grease that is based on organoclay.

It is produced according to the NLGI Grade 2 consistency.

Prolube® H1,H2 Bio-Food Grade Machinery Grease NLGI #2 is a Premium grease based on organoclay. In combination with high-quality additives it resists extreme loads, steam, acids and alkaline solutions. It has anti-corrosion and anti-oxidation properties. It was created for use in very high operating temperatures and is resistant to warm and cold water and rinsing. It can be used with most elastomeric components, with plastics and all metals. It offers the highest efficiency in the food processing industry. It has been registered and accepted by USDA BioPreferred®, NSF International® for incidental contact with food – cert. no. 149695. It was developed for the food processing industry (agriculture, sugar production, bakeries, meat processing plants, vegetable and oil production), and the cosmetic and pharmaceutical industries.

It can be used for: central lubrication systems, belt-drive cogs, chains, sliding discs, runners, rollers, cog wheels and other mechanisms that work in a wide range of operating temperatures and require greases that can come into incidental contact with food.

### TECHNICAL SPECIFICATIONS:

NLGI Grade	2
Color	Ivory
Operating Temperature Range	-20°C to +250°C
Dropping point	None
Base Oil Viscosity Index	213
Base	Organoclay



# NHF 6305	400 g Cartridge, 12 pcs. per box
# NHF 6306	18 kg Plastic pail
# NHF 6308	182 kg Plastic pail



Nonfood Compounds  
Program Listed H1,H2  
Registration # 149695

## NHF H1 BIO FOOD GRADE CHAIN & CABLE LUBRICANT

Prolube® H1 Bio Food Grade Chain & Cable Lubricant is a high performance food grade lubricant formulated mostly with the best European natural vegetable seed oils and select high quality additives. It surpasses the lubricity and performance of conventional chain lubricants. It is NSF (National Sanitary Foundation) H1 approved for incidental food contact; NSF Registration No. 149696. Prolube® H1 Bio Food Grade Chain & Cable Lubricant meets OECD 301 tests for biodegradability and the USDA content criteria for Biopreferred/Biobased labels. Prolube® H1 Bio Food Grade Chain & Cable Lubricant includes additives that provide superior lubricity, improves productivity, reduces product inventory and minimizes friction and wear. It delivers high film strength common in vegetable oils and offers high-temperature stability. It also produces less mist generation, is safe on all metals, does not contain chlorine, and has a high flash and fire point. It is safe in contact with the skin and reduces potential for allergic reactions. Our H1 Bio Food Grade Chain and Cable Lubricant will help your business comply with ISO-14000.

Prolube® H1 Bio Food Grade Chain & Cable Lubricant is suitable for all general purpose chain lubrication, for use on chains, cables and rollers and is NSF H1 approved for incidental food contact.

### TECHNICAL SPECIFICATIONS:

Flash Point	+309°C
Pour Point	-20°C

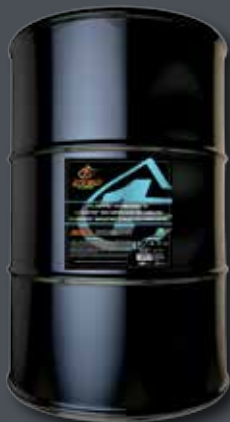


# NHF 6312	5 L Plastic canister
# NHF 6314	20 L Plastic canister
# NHF 6316	200 L Drum



Nonfood Compounds  
Program Listed H1  
Registration # 149696

# SPECIALITY LUBRICANTS



## DCC DUSTPRO® DUST SUPPRESSANT AND STABILIZER

ProLube® Dust Control Concentrate (DCC) is a biodegradable, non-toxic dust suppressant and stabilizer formulated mostly with the best European crop oils and proprietary emulsifiers and surfactants to safely control dust while not impacting the environment.

ProLube® Dust Suppressant and Stabilizer meets OECD 301 tests for biodegradability. Based on evaluation of the base oils and the finished products, ProLube® 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 ProLube® products are subject to the local ordinances and ultimate responsibility for impact remains with the users.

ProLube® Dust Suppressant and Stabilizer is Biodegradable and virtually non-toxic, Eliminates caustic and toxic chemicals, Less flammable than petroleum-based dust control products, Contains no petroleum or diesel fuel oil, Good penetration into roadbed, Prevents dust particles from becoming airborne, Conforms to EPA's EPP and USDA biobased criteria, Made mostly with the best European crop oils and Easily mixes with water for economical application.

**DIRECTIONS** ProLube® Dust Control Concentrate is recommended to be used by emulsifying it with water.

Mix 20% to 30% (by volume) of concentrate with water. Apply mixture approximately 0,5 liters per square meter.

ProLube® Dust Suppressant and Stabilizer is suitable for Unpaved roads and parking lots, Quarries, mining sites & landfills, Construction sites, Indoor warehouses, Truck terminals, Utilities and Race tracks.

### TECHNICAL SPECIFICATIONS:

Appearance:	Amber
Viscosity (cSt):	48
Flash point:	+291°C
Aquatic Toxicity OECD 202:	Non-toxic
Biodegradability OECD 301F:	Pass



# DCC 6460	20 L Plastic canister
# DCC 6461	200 L Drum
# DCC 6462	1040 L "IBC" Tote



## PKK BIO CHAIN & CABLE LUBRICANT

**Biodegradable Bio-Based Chain & Cable Lubricant** is a high performance lubricant formulated mostly with the best European natural vegetable seed oils and select high quality additives.

PROLUBE® Thousands of applications – from industry to DIY. It surpasses the lubricity and performance of conventional chain lubricants. It provides up to 500% better lubrication than petroleum based products or similar products.

Ideal for chains, cog wheels, metal cables, hinges, rollers and sliding parts. It adheres to every surface, deters water and is not "pushed away" under high revolutions, e.g. in motorcycle chains.

It is safe for plastics, rubber and o-rings. Thanks to its high flash point it reduces fire hazards.

It deters water and protects against rust and corrosion – it has excellent dielectric and conservational properties.

It does not contain irritants, crude oil (or petroleum based oils), chlorine or silicones. It is safe in contact with the skin and reduces potential for allergic reactions.

### TECHNICAL SPECIFICATIONS:

Flash point	+312°C
Pour Point	-22°C



# PKK 6052	500 ml Plastic bottle
# PKK 6054	1 L Plastic pail
# PKK 6056	5 L Plastic canister
# PKK 6058	20 L Plastic canister
# PKK 6060	200 L Drum



# PROLUBE® GREASE APPLICATION CHART



**EPM B10**  
MULTIPURPOSE  
LITHIUM EP GREASE



**WLP B10**  
WHITE LITHIUM EP  
GREASE



**EPX B10**  
PREMIUM RED  
EP GREASE



**EPA B10**  
PREMIUM MARINE  
EP GREASE



**EMP B10**  
MOLYBDENUM  
EP GREASE MoS2



**NHF B10 H1**  
FOOD GRADE  
MACHINERY GREASE



**NHF B10 H1, H2**  
FOOD GRADE  
MACHINERY GREASE

## TECHNICAL SPECIFICATIONS:

Base - Thickener type

NLGI Grade

Base Oil Viscosity Index

EP Additive

Solid Additive

Dropping Point °C

Operating Temperature Range °C

NLGI Certified GC and/or LB

Lithium

2

205

Yes

No

195°C

-42°C to +145°C

LB

Lithium

2

205

Yes

No

190°C

-40°C to +145°C

LB

Lithium Complex

2

205

Yes

No

280°C

-43°C to +222°C

GC-LB

Lithium Complex

2

205

Yes

No

280°C

-43°C to +222°C

GC-LB

Lithium

2

205

Yes

Molybdenum 2%

200°C

-30°C to +145°C

LB

Organoclay

1

213

Yes

No

None

-20°C to +250°C

Organoclay

2

213

Yes

No

None

-20°C to +250°C

Agriculture Equipment	Perfect	Perfect	Perfect		Perfect		
ATV Chassis	Perfect	Perfect	Perfect	Perfect			
Automotive - Car, Truck & Motorcycle Chassis	Perfect		Perfect	Perfect			
Automotive Hinges, Cabinets, Drawers	Perfect	Perfect					
Pins & Bushings			Perfect		Perfect		
Ball & Universal Joints	Perfect		Perfect		Perfect		
Cables - Low Load	Perfect		Perfect				
Cables - High Load			Perfect				
Car Wash Equipment			Perfect	Perfect			
Construction & Machinery Equipment	Perfect		Perfect		Perfect		
Mining Equipment			Perfect		Perfect		
Electric Motors		Perfect	Perfect				
5th Wheel Trailer Hitches			Perfect		Perfect		
Food & Beverage Machinery - normal to high temp.						Perfect	Perfect
Food & Beverage Machinery - cold temperatures						Perfect	Perfect
Forklift Mast	Perfect		Perfect		Perfect		
Garage Doors, Patio Doors, Window Tracks	Perfect	Perfect					
General Lubrication, Linkages	Perfect	Perfect	Perfect			Perfect	Perfect
Golf Carts & Course Equipment	Perfect						
High Water Washout Conditions			Perfect	Perfect			
Hi-Temp & Heavy Load Applications	Perfect		Perfect	Perfect		Perfect	Perfect
Heating, Ventilation, Air Conditioning Linkage	Perfect	Perfect		Perfect			
Industrial Equipment (check OEM recommendation)	Perfect	Perfect	Perfect		Perfect		
Lawn & Garden Equipment	Perfect		Perfect				
Lawn & Garden Equipment Bearings			Perfect				
Marine Winches & Cables				Perfect			
Marine Hinges, Pins & Pivots				Perfect			
Marine Gimbal Bearing				Perfect			
Marine Prop Shaft				Perfect			
Marine Trailer Bearings				Perfect			
Material Handling Equipment	Perfect	Perfect	Perfect		Perfect	Perfect	Perfect
Skid Loader / Bucket Loader Arms			Perfect		Perfect		
Sleeve-Journal, Rotating Shafts, Pins			Perfect		Perfect		
Sliding Motions, Splined Shafts, Trailer Bearings			Perfect	Perfect	Perfect		
Snowmobiles, Snow Blowers & Removal Equipment			Perfect	Perfect			
Torsion Bars			Perfect				
Winches - Low Load	Perfect		Perfect	Perfect			
Winches - High Load			Perfect	Perfect			
Winter (extreme cold) Applications			Perfect	Perfect			

Perfect  
Very Good







**500% HIGHER LUBRICATION QUALITY \***

## **ProLube GmbH**

### **Premium Bio-Lubricants & Greases**

**WWW.PROLUBE.DE**

#### **ABOUT US**

ProLube GmbH is a global enterprise that is socially and environmentally responsible. To earn customer loyalty, we provide the most advanced, efficient, cost effective and nontoxic grease and lubrication products available today. Our company's foundation is built on our values, which distinguish us and guide our actions to help protect the environment and benefit the communities where we work. We endeavor to become the first name in biobased grease and lubricant products; a corporation that cherishes nature and restores the environment.

#### **CONCEPT**

On the market there are very few bio-based lubricants and greases widely available to consumers who would like to have more choice when it comes to using such products. Also, often the perception is that these products are either not really green or are too expensive or do not meet performance expectations. - Or all at once. Our goal is to provide bio-based products of the highest quality at prices comparable to those of commonly available greases and oils, so that the customer has an easy choice in selecting a bio-based product.

#### **LOGICAL CHOICE**

When you buy our products you do not have to sacrifice features and performance. Based on industry accepted standards, our bio-based lubricants and greases can show that they perform better and machinery runs cooler due to lower friction and components last longer. Our bio-based products reduce the need for oil and grease change intervals due to improving durability.

#### **ECO- FRIENDLY**

Our products are bio-based, biodegradable, environmentally friendly and renewable. They are produced from highest quality primarily renewable rapeseed oil. Using our products, translates into care for the environment. Our products meet the stringent requirements of the tests OECD 301 biodegradation tests, do not bioaccumulate, are not toxic to plants and are neutral in the water. There are several levels of biodegradation, as determined by ASTM with „ultimate biodegradability“ as well as the highest standard of evaluation ranking (2.1 ASTM D - 5864), requiring that at least 60 % of the product must biodegrade within 28 days.

#### **CONVENIENCE**

Our green products mix readily and replace conventional products based on petroleum.

#### **ENVIRONMENT**

Our packaging material is largely manufactured from recycled plastics and other materials.

#### **HAZARDOUS MATERIALS IDENTIFICATION SYSTEM**

(called Hazardous Materials Identification System, HMIS) - a system of labeling of dangerous chemical substances and mixtures developed by the National Paint & Coatings Association (NPCA), currently the American Coatings Association, (ACA) in the United States meets the recommendations of OSHA Hazard Communication Standard (29 CFR 1910.1200) and sometimes used in the SDS. HMIS is a registered trademark of the ACA.

The marking consists of four strips - blue (health hazard), red (flame retardant substances), orange (physical hazard) and white (personal protective equipment). For the first three strips are placed numerals determining the degree of risk („0“ - no hazard; „4“ - the biggest threat). The blue bar is placed further asterisk if the substance can cause chronic health risks. White stripe defines personal protective equipment when working with the substance.

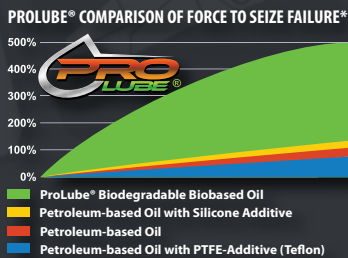
(See Wikipedia.org)

When it comes to health and toxicity, ProLube Products score a „0“



Why should you choose ProLube®

## PERFORMANCE



## TECHNOLOGY



NATURAL



BIODEGRADABLE



RENEWABLE



ECO-FRIENDLY

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