

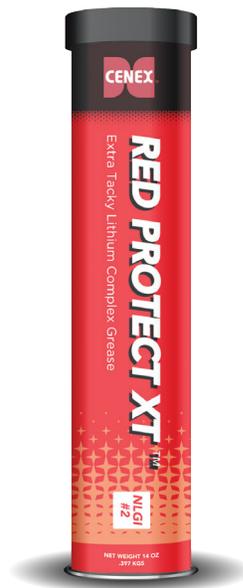


EXTENDING EQUIPMENT LIFE FOR SUPERIOR PERFORMANCE



CENEX® PREMIUM GREASE PRODUCTS

Your Equipment Deserves the Best



Maxtron® FS

Maxtron® FS grease is a high-performance multi-purpose grease which combines a synthetic base fluid with a lithium complex soap thickener. The thickener system provides a high dropping point, while additives impart optimum extreme-pressure (EP) properties, excellent resistance to water washout, and protection against rust and corrosion.

It has excellent structural stability and the synthetic base oil used gives it excellent performance properties at both high and low temperatures. High structural shear stability and a high performance base oil make it an outstanding multi-purpose grease.

Benefits



- + 100% Synthetic base stocks
- + Multi-purpose grease
- + High dropping point (above 500°F)
- + EP and anti-wear properties
- + Excellent cold weather performance
- + Long-lasting and water resistant
- + Excellent oxidation control
- + Protection from rust and corrosion

Red Protect XT™

Red Protect XT™ is an extra tacky, high-temperature, lithium complex grease with excellent multi-purpose properties. It is formulated with extreme-pressure (EP) additives, anti-wear agents, and long-lasting corrosion and oxidation inhibitors.

Red Protect XT grease provides maximum protection and trouble-free operation in a wide range of lubricating applications including automotive, heavy-duty trucking, construction, agriculture, mining and industrial service. Red Protect XT is a premium grease that is fortified with extra tacky characteristics to cover and protect a wide variety of components.

Benefits



- + Multi-purpose grease
- + Stays in place
- + High dropping point (above 500°F)
- + EP and anti-wear properties
- + Long-lasting and water resistant
- + Protection from rust and corrosion

Product Application Key:



Agriculture



Auto



Construction



Fleet



Food Production



Industrial



Cold



Hot



Wet



Maxtron® EP

Maxtron® EP reduces friction between metal parts, especially in extreme pressure, severe load and shock loading applications. In addition, Maxtron EP contains 3% moly (molybdenum disulfide) to enhance the lubrication capabilities between sliding components.

Maxtron EP is an extreme duty, lithium complex, semisynthetic multi-purpose grease recommended for construction, industrial, and agricultural use. Maxtron EP qualifies for the highest performance level of automotive chassis and wheel-bearing grease.

Benefits



- + Blended with synthetic base stocks
- + Multi-purpose grease
- + High dropping point (above 500°F)
- + EP and anti-wear properties
- + Excellent cold weather performance
- + Long-lasting and water resistant
- + Excellent oxidation control
- + Protection from rust and corrosion
- + Contains 3% molybdenum disulfide

Molyplex 500+

Molyplex 500+ contains 1.3% moly (molybdenum disulfide), one of the most effective dry film lubricating substances available. Moly protects against extreme pressures and shock loading.

Molyplex 500+ is a heavy-duty lithium complex, multi-purpose grease recommended for automotive, industrial, and agricultural use. Molyplex 500+ qualifies for the highest performance level of automotive chassis and wheel-bearing grease.

Benefits



- + Multi-purpose grease
- + High dropping point (above 500°F)
- + EP and anti-wear properties
- + Excellent cold weather performance
- + Long-lasting and water resistant
- + Protection from rust and corrosion
- + Contains 1.3% molybdenum disulfide



Top Execution Under Extreme Conditions



Blue Gard® 500+™

Blue Gard® 500+™ is a premium grease that's flexible enough for most applications, yet tough enough to handle severe conditions and withstand heavy shock loading. This grease provides excellent protection for your equipment from rust, oxidation and wear – and extends equipment life.

Blue Gard 500+ is a premium, heavy-duty, lithium complex, multi-purpose grease recommended for automotive, industrial, and agricultural use. Blue Gard 500+ qualifies for the highest performance level of automotive chassis and wheel-bearing grease.

Benefits



- + Formulated with a 220 base oil
- + Multi-purpose grease
- + High dropping point (above 500°F)
- + EP and anti-wear properties
- + Long-lasting and water resistant
- + Protection from rust and corrosion
- + Proven seal compatibility

ML 365®

ML 365® provides excellent performance all year long, in any season and in most applications. ML 365 is a high-quality, lithium, multi-purpose EP grease available in NLGI grades 00, 0, 1, and 2.

This product provides excellent wear protection and resists water washout which reduces grease consumption. ML 365 can be recommended for many applications in agriculture, construction and industrial environments.

Benefits



- + Multi-purpose grease
- + EP and anti-wear properties
- + Rust and oxidation protection
- + Wide temperature protection
- + Excellent water resistance

Product Application Key:



Agriculture



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HD Moly Xtreme

HD Moly Xtreme is a calcium sulfonate complex extreme duty grease developed and recommended for off-highway construction and mining equipment. It contains 5% moly (molybdenum disulfide) for superior resistance to wear from shock loading and heavy-duty applications. This product is resilient against water washout when used in extreme conditions.

This product is designed for operators of the following manufacturers' equipment: Caterpillar, Komatsu, Dresser, Terex, Le Tourneau and P&H. Application points are found across dozers, scrapers, shovels, haul trucks, cranes, and drag lines.

Benefits



- + Designed especially for construction and heavy-duty equipment
- + Outstanding shock loading protection and high load carrying capabilities
- + High dropping point (above 500°F)
- + Extends equipment life
- + Superior oxidation and corrosion protection
- + Excellent water washout resistance
- + Contains 5% molybdenum disulfide

Poly-Xtreme®

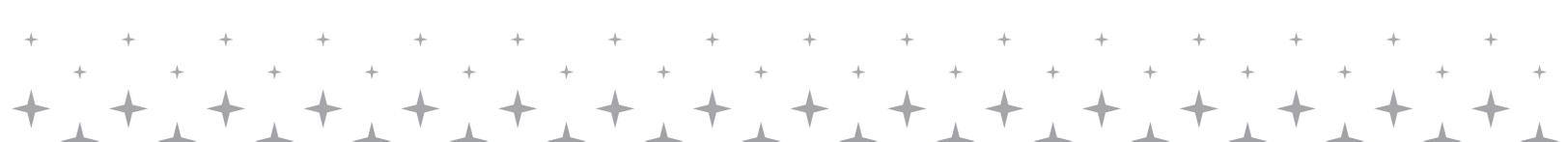
Poly-Xtreme® is an advanced technology polyurea-based grease. This product is compatible with other polyurea grease enabling its use across multiple applications. Poly-Xtreme outperforms traditional soap-based greases with excellent low temperature properties, superior water washout resistance and good shear stability.

This grease also has the ability to migrate where lubrication is required. Poly-Xtreme is recommended for automotive, agriculture, industrial and construction use.

Benefits



- + Multi-purpose grease
- + High dropping point (above 500°F)
- + Long-lasting
- + Excellent oxidation stability
- + Very good cold weather performance
- + EP performance
- + Rust and corrosion protection



Specialty and Food Grade Grease



Aluben EP Moly

Aluben EP Moly is a high-quality multi-purpose grease recommended for construction and industrial applications. The aluminum complex thickener provides superior performance in wet or hot environments and the moly provides protection against shock loads and reduces friction under sliding conditions.

Benefits



- + Multi-purpose grease
- + High dropping point (above 475°F)
- + Long-lasting and water resistant
- + Molybdenum disulfide "moly" fortified
- + Excellent oxidation stability
- + EP and anti-wear performance
- + Rust and corrosion protection

Coop Cotton Picker Spindle

Well known for its ability to protect spindles from plant juices, corrosive wetting agents and defoliants, Coop Cotton Picker Spindle grease is made with a lithium thickener and provides consistent flow over a wide range of temperatures. It helps maintain spindles in optimum conditions, thereby reducing operational, replacement and maintenance costs.

Benefits



- + Protects and extends spindle life
- + Excellent cold weather flow
- + Water repellent formula
- + Excellent anti-wear performance
- + Rust and corrosion protection
- + Meets OEM specifications

Corn Head Grease

Corn Head Grease is a high-quality, multi-purpose, lithium, semi-fluid type grease available in an NLGI #0 grade. Although primarily applied in corn head lubrication, this product can be recommended for many applications across agriculture, construction and industrial environments.

Benefits



- + Excellent low-temp mobility
- + EP protection
- + Resists oil separation
- + Excellent oxidation stability
- + Water washout resistant
- + Protection from rust and corrosion

Product Application Key:



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Cenex® Synthetic FG

Cenex® Synthetic FG grease provides exceptional performance over a wide operating temperature range making it an excellent grease for food plant applications. It features excellent extreme-pressure capabilities and promotes maximum equipment performance and life. It resists water washout and also protects equipment from the harmful effects of water, including rust and corrosion.

Benefits



- + NSF H-1 approval for incidental food contact
- + High dropping point
- + EP and anti-wear properties
- + Water washout/spray-off protection
- + Rust and corrosion inhibition
- + High shock load conditions
- + Fully synthetic base stocks
- + Calcium sulfonate complex grease

Cenex® White Oil FG

Cenex® White Oil FG grease is a new generation in H1 Food Grade Grease designed specifically for lubrication of the most severe applications in the food industry. This grease is formulated with a food grade calcium sulfonate complex thickener and other permitted ingredients including antioxidants and extreme pressure and anti-wear additives to meet the most stringent requirements of the industry.

Benefits



- + NSF H-1 approval for incidental food contact
- + Calcium sulfonate complex thickener
- + High dropping point (above 475°F)
- + EP and anti-wear properties
- + Water washout/spray-off protection
- + Rust and corrosion inhibition
- + High shock load conditions
- + 100% white oil base stock

Food Machinery Grease

Food Machinery Grease is designed specifically for food manufacturing facilities, and complies with USDA requirements for lubricants with incidental food contact. Formulated from an aluminum complex base, Food Machinery Grease performs extremely well in high temperatures.

Benefits



- + NSF H-1 listed for incidental food contact
- + High dropping point (above 475°F)
- + EP and anti-wear properties
- + Water washout/spray-off protection
- + Rust and corrosion inhibition
- + High shock load conditions

Grease Application Guide*

Properties	Lithium Complex	Polyurea	Calcium Sulfonate Complex	Lithium	Aluminium Complex
Cenex® Brands	Maxtron FS Maxtron EP Molyplex 500+ Blue Gard 500+ Red Protect XT	Poly-Xtreme	HD Moly Xtreme	ML 365 Corn Head Cotton Picker	Aluben EP Moly
Appearance	Smooth & buttery	Smooth & buttery	Smooth & buttery	Smooth & buttery	Smooth & buttery
Dropping Point (°F) Dropping Point (°C)	500+ 260+	470 243	500+ 260+	350-400 177-204	500+ 260+
Max. Usable Temp. (°F) Max. Usable Temp. (°C)	350 177	350 177	350 177	275 135	350 177
Water Resistance**	Good to excellent	Excellent	Excellent	Good	Fair to excellent
Work Stability	Good to excellent	Poor to good	Good to excellent	Good to excellent	Fair to good
Oxidation Stability	Fair to excellent	Good to excellent	Fair to excellent	Fair to excellent	Poor to good
Protection Against Rust	Good to excellent	Fair to excellent	Fair to excellent	Fair to good	Fair to excellent
Pumpability (in centralized systems)	Fair to good	Good to excellent	Good to excellent	Fair to excellent	Poor to fair
Oil Separation	Good to excellent	Good to excellent	Good to excellent	Good to excellent	Good to excellent
Principal Uses ¹	Multi-service automotive & industrial, agricultural equipment	Multi-service automotive & industrial, agricultural equipment	Construction	Multi-service automotive & industrial, agricultural equipment	Multi-service automotive & industrial

Note: ¹Multi-service includes rolling contact bearings, plain bearings, and others.

Source: Adapted from NLGI Lubricating Grease Guide

*Be sure to follow OEM grease grade and compatibility on all recommendations.

**Functional effect ranges (i.e. good to excellent) may cover multiple greases as listed in the header bar. See individual product description for more detail.

Compatibility of Greases

THICKENER	Aluminium Complex	Hydrated Calcium	Anhydrous Calcium	Calcium Complex	Calcium Sulfonate Complex	Clay	Lithium	Lithium Complex	Polyurea
Aluminium Complex		✗	✓	●	✗	✗	✗	✓	●
Hydrated Calcium	✗		✓	✗	✓	●	●	✓	●
Anhydrous Calcium	✓	✓		●	●	✓	✓	✓	✗
Calcium Complex	●	✗	●		✓	●	✗	✓	✓
Calcium Sulfonate Complex	✗	✓	●	✓		✗	✓	✓	✓
Clay	✗	●	✓	●	✗		●	✗	●
Lithium	✗	●	✓	✗	✓	●		✓	●
Lithium Complex	✓	✓	✓	✓	✓	✗	✓		✗
Polyurea	●	●	✗	✓	✓	●	●	✗	

Note: Grease compatibility studies have been done and the most incompatible were aluminium complex, calcium complex, clay and polyurea-thickened greases. The most common effect was substantial softening, however, lithium grease sometimes hardened. It is important to note that even if thickeners are generally compatible, two greases may contain clashing base oil or additive formulations.

KEY:	✓	●	✗
Compatible			
Requires Testing			
Incompatible			

