

# LITHIUM COMPLEX GREASES

## High Temperature Wheel Bearing Grease

Product Code	Pack Size	Carton Qty	Colour: Blue Recommended Operating Temperature Range: -10°C to 170°C
HTGR00045	450 Grams	6	Industry & Manufacturer's Specifications: NLGI 2, DIN 51502: KP2N-30, ISO 6743: ISO-L-XCDIB2, Volvo 97720 (level)
HTGR0005	500 Grams	6	
HTGR0025	2.5 Kilograms	6	
HTGR020	20 Kilograms	1	
HTGR055	55 Kilograms	1	
HTGR180	180 Kilograms	1	



Penrite High Temperature Wheel Bearing Grease is an NLGI 2, high temperature all-purpose, extreme pressure (EP) grease manufactured from high quality base oils and a lithium complex soap thickener. It is formulated with state of the art additives that provide tackiness, excellent load carrying ability, outstanding resistance to water washout as well as effective EP performance and anti-wear protection.

It is suitable for use in all general chassis grease applications in automotive and industrial service including in cars, 4WDs, trucks and buses. High Temperature Wheel Bearing Grease is also particularly suitable for use in wheel bearings of vehicles fitted with disc brakes, as well as drum brakes, boat trailer wheel bearings and other marine applications.

It can be used in industrial applications such as rolling element bearings, plain bearings, medium speed anti-friction bearings, steel mills, mining and ore crushing plants, general plant lubrication and in agricultural and construction equipment.



## 10 Tenths Power Sports Grease

Product Code	Pack Size	Carton Qty	Colour: Green Recommended Operating Temperature Range: -15°C to 170°C
PSGR0001	100 Grams	6	Industry & Manufacturer's Specifications: NLGI 2, DIN 51502: KP2N-30, ISO 6743: ISO-L-XCDIB2

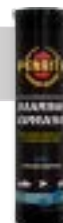
Penrite 10 Tenths Power Sports Grease is a water resistant, high temperature, multi-purpose grease that contains a special anti-rust additive for enhanced protection against rust and corrosion. It also contains a tackiness agent to provide increased protection during severe performance conditions allowing for exceptional water wash out resistance and spray off resilience. It has been formulated to provide outstanding lubrication and protection in all outdoor conditions such as motorcycling, marine, automotive and other outdoor activities where a water-resistant type grease is required. It has excellent resistance to water, snow, ice and mud, and provides outstanding film strength.



## Marine Grease

Product Code	Pack Size	Carton Qty	Colour: Green Recommended Operating Temperature Range: -15°C to 170°C
MARGR00045	450 Grams	6	Industry & Manufacturer's Specifications: NLGI 2, DIN 51502: KP2N-30, ISO 6743: ISO-L-XCDIB2
MARGR0005	500 Grams	6	
MARGR0025	2.5 Kilograms	6	

Penrite Marine Grease is an NLGI 2, tacky, high temperature multi-purpose lithium complex grease. It contains a special anti-rust additive for enhanced protection against rust and corrosion in marine and salt water environments. It has been formulated to provide outstanding lubrication and protection in marine applications. It is suitable for leisure craft through to industrial marine fleets. Its applications include winch gears, stern drives, prop shaft splines, steering tubes and cables, throttle lines and linkages, dog seals, trunnion steering mounts, shaft support bearings and most other general on-board greasing points. Also suitable for automotive wheel bearings.



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## Heavy Duty Bearing Grease

Product Code	Pack Size	Carton Qty
HDBG00045	450 Grams	6
HDBG020	20 Kilograms	1
HDBG180	180 Kilograms	1

**Colour: Purple**  
Recommended Operating Temperature Range: -10°C to 170°C

Industry & Manufacturer's Specifications: NLGI 2, DIN 51502: KP2N-30, ISO 6743: ISO-L-XCDIB2, Volvo 97720 (level)

Penrite Heavy Duty Bearing Grease is an NLGI 2, high temperature all-purpose, extreme pressure (EP) grease manufactured from high quality base oils and a lithium complex soap. Suitable for use in all general chassis grease applications in heavy duty vehicles, including trucks and buses, agricultural, construction equipment and for industrial service. It is also particularly suitable for use in wheel bearings of heavy duty vehicles fitted with disc brakes, as well as drum brakes.



## ACT Grease XEP2

Product Code	Pack Size	Carton Qty
ACTXEP200045	450 Grams	6
ACTXEP2180	180 Kilograms	1

**Colour: Red/Orange**  
Recommended Operating Temperature Range: -20°C to 140°C

Industry & Manufacturer's Specifications: NLGI 2, DIN 51502: KP2N-20, ISO 6743: ISO-L-XBDIB2

Penrite ACT Grease XEP2 is a tenacious, highly specialised semi synthetic, NLGI 2, lithium complex grease designed for use in agricultural and construction equipment as well as on highway trucks. It is manufactured from a bismuth EP/AW additive technology and utilises carefully blended polymers, to help provide excellent stay in place properties and to adhere to critical parts where it can better lubricate metal surfaces.



## Indgrease 100LX EP2

Product Code	Pack Size	Carton Qty
INDGR100LXEP200045	450 Grams	6

**Colour: Brown**  
Recommended Operating Temperature Range: -20°C to 160°C

Industry & Manufacturer's Specifications: NLGI 2, DIN 51502: KP2N-20, ISO 6743: ISO-L-XCDIB2

Penrite Indgrease 100LX EP2 is a premium, high melting point, NLGI 2, lithium complex grease. It is a high temperature grease designed to meet the most demanding grease applications especially where a low base oil viscosity and long life is required. It is formulated to provide extreme pressure (EP) and anti-wear (AW) protection plus water resistance properties. Indgrease 100 LXEP 2 is also formulated to give a high level of oxidation, rust and corrosion protection.



## Indgrease Moly HT

Product Code	Pack Size	Carton Qty
INDGRSMOLYHT00045	450 Grams	6
INDGRSMOLYHT020	20 Kilograms	1
INDGRSMOLYHT180	180 Kilograms	1

**Colour: Grey/Black**  
Recommended Operating Temperature Range: 0°C to 160°C

Industry & Manufacturer's Specifications: NLGI 1.5

Penrite Indgrease Moly HT is a premium heavy duty, NLGI 1.5 grease designed for the mining and construction industries. It is a smooth grease based on a lithium complex thickener and is formulated with high quality base stocks combined with extreme pressure additives for maximum loading applications and anti-wear protection. Indgrease Moly HT contains molybdenum disulphide and graphite for boundary protection against the heaviest sliding, shock or impact loading conditions as well as containing effective rust, oxidation and corrosion inhibitors.



## CV Joint Grease **NEW**

Product Code	Pack Size	Carton Qty	Colour: Grey/Black Recommended Operating Temperature Range: 0°C to 160°C
CVJGR0001	100 Grams	6	Industry & Manufacturer's Specifications: NLGI 1.5

Penrite CV Joint Grease is an NLGI 1.5, premium heavy duty, lithium complex, grease containing molybdenum disulphide and graphite for boundary protection against the heaviest sliding, shock or impact loading conditions. It is formulated with extreme pressure additives for maximum loading applications, anti-wear protection and water washout resistance. It is ideal for Constant Velocity (CV) and Universal Joints in automotive applications where a heavy duty, high load carrying grease is required. It is perfect for ball joints, king pins and general chassis lubrication.



## LITHIUM GREASES

### Extreme Pressure Grease

Product Code	Pack Size	Carton Qty	Colour: Red Recommended Operating Temperature Range: -20°C to 130°C
EPGR00045	450 Grams	6	Industry & Manufacturer's Specifications: NLGI 2, ISO 6743, DIN 51502: KP2K-30
EPGR0005	500 Grams	6	
EPGR0025	2.5 Kilograms	6	
EPGR020	20 Kilograms	1	
EPGR055	55 Kilograms	1	
EPGR180	180 Kilograms	1	

Penrite Extreme Pressure Grease is an NLGI 2, general purpose grease manufactured from high quality base oils and uses a lithium soap base. It is suitable for use in all general grease applications in automotive and industrial service. This includes plain bearings, slow speed wheel and anti-friction bearings, chassis grease, general plant lubrication and agricultural and construction equipment lubrication. Not suitable for use as a wheel bearing grease.



### Molygrease EP 3%

Product Code	Pack Size	Carton Qty	Colour: Grey/Black Recommended Operating Temperature Range: -20°C to 130°C
MOLY00045	450 Grams	6	Industry & Manufacturer's Specifications: NLGI 2
MOLY0005	500 Grams	6	
MOLY0025	2.5 Kilograms	6	
MOLY020	20 Kilograms	1	
MOLY180	180 Kilograms	1	

Penrite Molygrease EP 3% is an all purpose, NLGI 2, high temperature grease. It features a lithium soap base with premium quality base oils and molybdenum disulphide (moly) for added protection. It is suitable for use where the grease is likely to be exposed to weather and/or squeezed out. In these applications, a thin film of moly will provide some measure of protection until the component can be re-greased.



### Semi Fluid Grease

Product Code	Pack Size	Carton Qty	Colour: Light Brown Recommended Operating Temperature Range: -20°C to 130°C
SEMI00045	450 Grams	6	Industry & Manufacturer's Specifications: NLGI 00
SEMI0005	500 Millilitres (UK)	6	
SEMI020	20 Kilograms	1	

Penrite Semi Fluid Grease is an extreme pressure, NLGI 00, lithium soap thickened grease, blended using extreme pressure additives, anti-wear, rust and oxidation inhibitors. It extends bearing and gear life by minimising wear and shock loads as well as resisting leakage even under heavily loaded conditions. It is suitable for use in trailer bearing hubs where heavy oils are specified and leakage is a problem, chain cases, slow speed industrial gearboxes where AGMA 7EP (ISO 460 and above) industrial gear oils are specified, leaky gearboxes, reduction gearboxes in slasher mowers, track rollers in earthmoving equipment, centralised lubrication systems that require fluid (or "liquid") type greases and in Burman motorcycle gearboxes.



## Indgrease Lith EPO

Product Code	Pack Size	Carton Qty
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IGRLITHEP0020	20 Kilograms	1
IGRLITHEP0180	180 Kilograms	1

**Colour: Light Brown**  
**Recommended Operating Temperature Range: -20°C to 130°C**

Industry & Manufacturer's Specifications: NLGI 0,  
 DIN 51502: KPOK-20, ISO 6743: ISO-L-XCCFBO

Penrite Indgrease Lith EPO is an NLGI 0, lithium based, mineral lubricating grease. It is made with a combination of antioxidants, corrosion inhibitors and extreme pressure (EP) and anti-wear (AW) additives. Indgrease Lith EPO is a high quality multi-purpose, semi-fluid type grease for use in many types of automotive and industrial applications including heavy duty service where high loads are encountered. It is suitable for rolling element bearings, plain bearings, gears and couplings, where an NLGI 0 grease is required.



## Indgrease Lith EP2

Product Code	Pack Size	Carton Qty
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IGRLITHEP200045	450 Grams	20
IGRLITHEP2020	20 Kilograms	1

**Colour: Amber**  
**Recommended Operating Temperature Range: -20°C to 130°C**

Industry & Manufacturer's Specifications: NLGI 2,  
 DIN 51502: KP2N-20, ISO 6743: ISO-L-XBCEB 2

Penrite Indgrease Lith EP2 is an NLGI 2, lithium based, industrial mineral lubricating grease. It is made with a combination of antioxidants, corrosion inhibitors and extreme pressure (EP) and anti-wear (AW) additives. Indgrease Lith EP2 is high quality multi-purpose grease for use in many types of industrial applications where medium to high loads are encountered. It is suitable for use in general purpose bearing applications such as rolling element bearings and plain bearings, where a more pumpable NLGI 2 grease is required.



## Indgrease Lith R3

Product Code	Pack Size	Carton Qty
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IGRLR300045	450 Grams	12
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**Colour: Amber**  
**Recommended Operating Temperature Range: -20°C to 130°C**

Industry & Manufacturer's Specifications: NLGI 3, DIN 51502: KP3K-20,  
 ISO 6743: ISO-L-XCCFA3

Penrite Indgrease Lith R3 is a high quality NLGI 3, lithium soap thickened grease. It is made using highly refined base oils and features include a high level of oxidation, rust and water washout protection. It is a multi-purpose rust and oxidation (R&O) type grease designed as a multi-service grease for industrial applications, particularly high speed, low load bearing applications. Recommended for use in most types of industrial applications operating under high speed, low load conditions, where an NLGI 3 grease is required.



## Cam Assembly Lube

Product Code	Pack Size	Carton Qty
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CAM0001	100 Grams	6
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**Colour: Grey/Black**  
**Recommended Operating Temperature Range: N/A**

Industry & Manufacturer's Specifications: NLGI 2

Penrite Cam Assembly Lube is a special purpose sticky paste formulated with a lithium grease, designed for the initial lubrication of engine parts during the engine assembly process. It contains rust inhibitors, oxidation inhibitors, tackiness additives, zinc and graphite anti-wear agents to provide outstanding engine lubrication protection prior to and during first starting of new or rebuilt engines. Can be used on camshaft lobes, followers, journals, camshaft and crankshaft bearings, pushrod tips, rockers, bushes, gears, thrust bearings and timing chains.




# CALCIUM COMPLEX GREASES

## Indgrease I615WR

Product Code	Pack Size	Carton Qty	Colour: Brown	Recommended Operating Temperature Range: -20°C to 150°C
INDGR1615WR020	20 Kilograms	1		
INDGR1615WR180	180 Kilograms	1		

Industry & Manufacturer's Specifications: NLGI 1.5, DIN 51502: KP1.5N-20, ISO 6743: ISO-L-XBDFB1.5

Penrite Indgrease 1615WR is an NLGI 1.5, calcium sulphonate complex thickened, extreme pressure lubricating grease. The grease contains a mineral oil base with antioxidants and corrosion inhibitors. It does not contain conventional EP and anti-wear additives as they are built in as an integral part of the soap structure. It is a modern high performance product especially suitable for industrial applications where wet and corrosive environments are encountered.




GREASES

## Indgrease CX 152WR

Product Code	Pack Size	Carton Qty	Colour: Beige	Recommended Operating Temperature Range: -20°C to 150°C
INDGRCX152WR00045	450 Grams	6		
INDGRCX152WR020	20 Kilograms	1		

Industry & Manufacturer's Specifications: NLGI 2, DIN 51502: KP2N-20, ISO 6743: ISO L-XB(F)DIB 2

Penrite Indgrease CX 152WR is an NLGI 2, calcium sulphonate complex thickened, extreme pressure lubricating grease based on mineral oil. It is formulated with antioxidants and corrosion inhibitors and does not contain conventional extreme pressure (EP) and anti-wear additives since they are built in as an integral part of the soap structure. It is an advanced, high performance grease especially suitable for marine and industrial applications or where wet and corrosive conditions are encountered.




# CALCIUM GREASES

## Graphite Grease

Product Code	Pack Size	Carton Qty	Colour: Grey/Black	Recommended Operating Temperature Range: Max 60°C
GRGR0004	400 Grams (UK)	6		
GRGR0005	500 Grams	6		

Industry & Manufacturer's Specifications: NLGI 3

Penrite Graphite Grease is an NLGI 3, graphite impregnated calcium based grease. It is designed for the lubrication of spring leaves, handbrake cables, flexible drives and exposed chains. Graphite Grease is suitable for use in slow speed plain bearings and slides where a heavy grease with solid lubricants is required. It can also be used in plain bearing locks, latches and fasteners, cables and springs and even as a fifth wheel lubricant.




## Water Pump Grease

Product Code	Pack Size	Carton Qty	Colour: Amber	Recommended Operating Temperature Range: 0°C to 75°C
WPGR00005	50 Grams	6		

Industry & Manufacturer's Specifications: NLGI 4

Penrite Water Pump Grease is an NLGI 4, moderate duty, very firm grease manufactured from high quality base oils and a calcium soap. It is recommended for the lubrication of water pumps in older vehicles or in fire fighting and irrigation equipment requiring a stiff grease. Water Pump Grease can be used in spring loaded greasing units, via a grease gun to pump shafts or in screw applied greasers.



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# MIXED COMPLEX GREASES

## QCA Grease MX9

Product Code	Pack Size	Carton Qty
QCAG00045	450 Grams	6
QCAG020	20 Kilograms	1
QCAG180	180 Kilograms	1

Colour: **Grey/Black**  
Recommended Operating Temperature Range: **-20°C to 140°C**

Industry & Manufacturer's Specifications: NLGI 2, Caterpillar MPGM

Penrite QCA Grease MX9 is an advanced technology, NLGI 2, mixed-complex grease, containing 9% solids that provide additional lubrication in high load applications in industries such as quarries, construction and agriculture. It is made using a lithium-calcium complex soap with "built-in" extreme pressure and anti-wear properties. These are further enhanced by the addition of anti-oxidant and corrosion inhibitors. It also uses special tackifiers to help the product stay in place and adhere to critical metal surfaces.



## Indgrease CXOG-05

Product Code	Pack Size	Carton Qty
INDGRCXOG5400	400 Millilitres	12
INDGRCXOG5018	18 Kilograms	1
INDGRCXOG5180	180 Kilograms	1

Colour: **Dark Brown**  
Recommended Operating Temperature Range: **-20°C to 140°C**

Industry & Manufacturer's Specifications: NLGI 0.5, DIN 51502: KP GOG0.5N-30, ISO 6743: ISO-L-XCDIB0.5

Penrite Indgrease CXOG-05 is an NLGI 0.5, advanced technology lithium-calcium complex grease with built-in extreme pressure and anti-wear properties. These are further enhanced by the addition of anti-oxidant and corrosion inhibitors. It also uses special tackifiers to help the product stay in place and adhere to critical surfaces where it can better lubricate metal surfaces. Indgrease CXOG-05 is recommended for use in severe heavy duty applications where high shock loads are common including those in corrosive environments. It is especially suited to open gear applications where greases containing solids are normally used. Also available in a convenient 400mL aerosol dispenser.



# CLAY (BENTONE) BASED GREASES

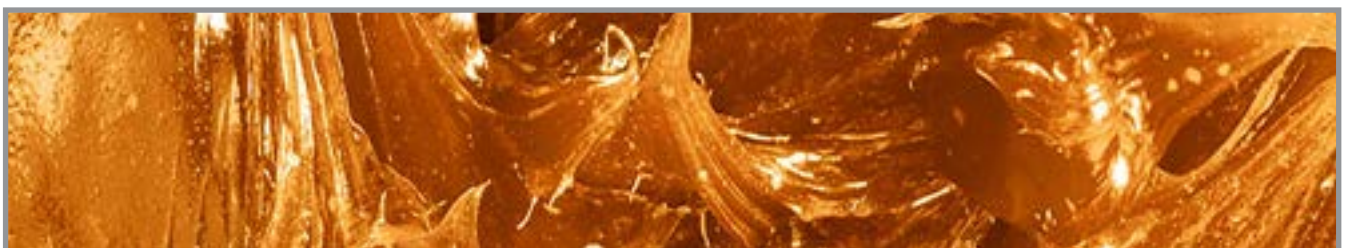
## Copper Eze

Product Code	Pack Size	Carton Qty
CEZE0001	100 Grams	6
CEZE0005	500 Grams	6

Colour: **Copper**  
Recommended Operating Temperature Range: **0°C to 1093°C**

Industry & Manufacturer's Specifications: NLGI 1.5

Penrite Copper Eze is a bentone based anti-seize grease containing micro-size copper, zinc oxide and additional synthetic base oil that will resist temperatures of up to 1093°C. It is used to coat flanges, threads, nuts, bolts that are subject to corrosion or seizure. Copper Eze is also ideal for exhaust manifold studs, exhaust clamps, turbocharger connections, spark plug threads and brake assemblies. Ideal for boat trailer wheel studs, external hinges, flanges, screws, nuts and bolts to prevent seizure and corrosion in automotive, marine, industrial, agricultural and general domestic environments.



# Rubber Grease

Product Code	Pack Size	Carton Qty	Colour: Red Recommended Operating Temperature Range: -9°C to 80°C
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RUBGR0001	100 Grams	6
RUBGR0005	500 Grams	6

Industry & Manufacturer's Specifications: NLGI 2

Penrite Rubber Grease is a premium quality clay based grease containing castor oil for use when contact with natural and/or synthetic rubber is likely to occur. It can be used as a general purpose, non-harmful grease for industrial, automotive and consumer rubber parts such as hydraulic dust covers, braking system components, seals and washers. It is specially designed for use on rubber components in hydraulic systems where compatibility with the rubber seals is essential.



# Indgrease BM3

Product Code	Pack Size	Carton Qty	Colour: Grey/Black Recommended Operating Temperature Range: -20°C to 200°C
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IGRBM300045	450 Grams	6
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Industry & Manufacturer's Specifications: NLGI 3

Penrite Indgrease BM3 is a highly specialised, NLGI 3, bentone (clay) no-melt type grease, manufactured with highly refined base oils and molybdenum disulphide. It can be used on equipment exposed to severe weather conditions such as cranes, conveyor chains, ore crushers, rolling mills and other exposed drives that can use this grade. General applications include shackle bolts, king pins and torsion bar bushings. Indgrease BM3 is suitable for use on trucks and buses on chassis points and fifth wheel areas. It is ideal for use in marine applications such as in deck equipment, cargo and warping winches, lifeboat davits, hatch covers and ships' stabilisers.



PENRITE PRODUCT	Grams					Kilograms					Millilitres	
	Tub	Tube	Cartridge	Tub	Container	Drum				Aerosol	Bottle	
	50	100	400	450	500	2.5	18	20	55	180	400	500
High Temperature Wheel Bearing Grease	-	-	-	⊙	⊙	⊙	-	⊙	⊙	⊙	-	-
10 Tenths Power Sports Grease	-	⊙	-	-	-	-	-	-	-	-	-	-
Marine Grease	-	-	-	⊙	⊙	⊙	-	-	-	-	-	-
Heavy Duty Bearing Grease	-	-	-	⊙	-	-	-	⊙	-	⊙	-	-
ACT Grease XEP2	-	-	-	⊙	-	-	-	-	-	⊙	-	-
Indgrease 100LX EP2	-	-	-	⊙	-	-	-	-	-	-	-	-
Indgrease Moly HT	-	-	-	⊙	-	-	-	-	-	⊙	-	-
CV Joint Grease	-	⊙	-	-	-	-	-	-	-	-	-	-
Extreme Pressure Grease	-	-	-	⊙	⊙	⊙	-	⊙	⊙	⊙	-	-
Molygrease EP 3%	-	-	-	⊙	⊙	⊙	-	⊙	-	⊙	-	-
Semi Fluid Grease	-	-	-	⊙	-	-	-	⊙	-	-	-	⊙
Indgrease Lith EPO	-	-	-	-	-	-	-	⊙	-	⊙	-	-
Indgrease Lith EP2	-	-	-	⊙	-	-	-	⊙	-	-	-	-
Indgrease Lith R3	-	-	-	⊙	-	-	-	-	-	-	-	-
Cam Assembly Lube	-	⊙	-	-	-	-	-	-	-	-	-	-
Indgrease 1615WR	-	-	-	-	-	-	-	⊙	-	⊙	-	-
Indgrease CX 152WR	-	-	-	⊙	-	-	-	⊙	-	-	-	-
Graphite Grease	-	-	⊙	-	⊙	-	-	-	-	-	-	-
Water Pump Grease	⊙	-	-	-	-	-	-	-	-	-	-	-
QCA Grease MX9	-	-	-	⊙	-	-	-	⊙	-	⊙	-	-
Indgrease CXOG-05	-	-	-	-	-	-	⊙	-	-	⊙	⊙	-
Copper Eze	-	⊙	-	-	⊙	-	-	-	-	-	-	-
Rubber Grease	-	⊙	-	-	⊙	-	-	-	-	-	-	-
Indgrease BM3	-	-	-	⊙	-	-	-	-	-	-	-	-

**Expert Tip:** The thickness of a grease is identified by an NLGI number that ranges from 000 to 6. NLGI 000 is pourable grease and NLGI 6 grease is solid.



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