



Lubricating Grease Product Manual

Our mission is to create real
value for customers



Introduction

Our head office is in Qingdao, and we have two wholly owned factories. One is in Dongying, named Dongying Shengrun Grease Technology Co., Ltd. which mainly produce grease. Another is in Xinjiang, named Xinjiang Yangguang Yinuo Energy Technology Co., Ltd. mainly produce refined base oil and grease.

We specialize in the production of various high-quality greases and base oil products. We have advanced product research and development centers and fully automated production lines in the industry. It enjoys high popularity and is a well-known brand in the industry.

We have introduced the world's advanced production technology and production equipment, made of 100% naphthenic mineral oil and high-quality additives, and are widely used in automobiles, motorcycles, trains, ships, metallurgy and mining, machinery manufacturing, agricultural machinery and other industries.

Kingrease will adhere to the principle of rigorous and meticulous dedication with the spirit of excellence, to provide customers with high-quality products, and at the same time provide customers with strong services and technical support with mature technology and standardized management.

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High Grade Complex Lubricating Grease



Product Description

This product is refined mineral oil thickened by fatty metal soap acid and adding antioxidant. It is a high-efficiency, long-lifetime grease.

Offers excellent water resistance, mechanical stability, rust resistance and anti-oxidation stability. Can protect machinery to reduce the wear and tear, prolong the service life of machinery.

Application

- Suitable for electromechanical, heavy truck, railway locomotive, mining machinery, excavator, loader and so on.
- Suitable for the lubrication of bearings, sliding bearings and other friction parts under heavy load.
- Optimum operating temperature: -20°C – 120°C.

Technical Date Sheet

Item	NLGI			Test method
	1#	2#	3#	
Color	 Yellow  Blue			Visual
Worked cone penetration, 0.1mm	320	280	223	GB/T 269
Drop point, °C	135	135	136	GB/T 4929
Extend worked penetration (100000 Strokes), 0.1mm	331	289	250	GB/T 269
Water washout losses (38°C, 1h),%	2.40	1.60	0.75	SH/T 0109
Anticorrosive property(52°C, 48h), /Grade	1	1	1	GB/T 5018
Optimum operating temperature	-20°C – 120°C			

Caution

- Storage and transportation process to prevent the mixing of water and impurities.
- Can not mix with other grease.
- Can not be heated before use.
- Used grease remaining smooth in the original package in order to prevent gas.

Special Grease For Engineering Machine



Product Description

This product is refined mineral oil thickened by fatty metal soap acid and adding antioxidant. It is a high-efficiency, long-lifetime grease.

Offers excellent water resistance, mechanical stability, rust resistance and anti-oxidation stability. Can protect machinery to reduce the wear and tear, prolong the service life of machinery.

Application

- Suitable for electromechanical, heavy truck, railway locomotive, mining machinery, excavator, loader and so on.
- Suitable for the lubrication of bearings, sliding bearings and other friction parts under heavy load.
- Optimum operating temperature: -20°C — 120°C.

Technical Date Sheet

Item	NLGI			Test method
	1#	2#	3#	
Color	 Brown  Blue			Visual
Worked cone penetration, 0.1mm	320	280	232	GB/T 269
Drop point, °C	135	135	135	GB/T 4929
Extend worked penetration (100000 Strokes), 0.1mm	331	289	250	GB/T 269
Water washout losses (38°C, 1h),%	2.40	1.60	0.75	SH/T 0109
Anticorrosive property(52°C, 48h), /Grade	1	1	1	GB/T 5018
Optimum operating temperature	-20°C – 120°C			

Caution

- Storage and transportation process to prevent the mixing of water and impurities.
- Can not mix with other grease.
- Can not be heated before use.
- Used grease remaining smooth in the original package in order to prevent gas.

General Purpose Lithium Base Lubricating Grease-A



Product Description

This product is refined mineral oil thickened by fatty lithium soap acid and adding antioxidant. It is a high-efficiency, long-lifetime grease.

Offers excellent water resistance, mechanical stability, rust resistance and anti-oxidation stability. Can protect machinery to reduce the wear and tear, prolong the service life of machinery.

Application

- Suitable for electromechanical, heavy truck, railway locomotive, mining machinery, excavator, loader and so on.
- Suitable for the lubrication of bearings, sliding bearings and other friction parts under heavy load.
- Effectively reduce the wear and tear of mechanical parts, extend the service life of machinery.
- Optimum operating temperature: -20°C – 120°C.

Technical Date Sheet

Item	NLGI			Test method
	1#	2#	3#	
Color	 Yellow  Green			Visual
Worked cone penetration, 0.1mm	320	280	232	GB/T 269
Drop point, °C	180	181	180	GB/T 4929
Extend worked penetration (100000 Strokes), 0.1mm	331	289	250	GB/T 269
Water washout losses (38°C, 1h),%	2.40	1.60	0.75	SH/T 0109
Anticorrosive property(52°C, 48h), /Grade	1	1	1	GB/T 5018
Optimum operating temperature	-20°C – 120°C			

Caution

- Storage and transportation process to prevent the mixing of water and impurities.
- Can not mix with other grease.
- Can not be heated before use.
- Used grease remaining smooth in the original package in order to prevent gas.

General Purpose Lithium Base Lubricating Grease-AAA



Product Description

This product is refined mineral oil thickened by fatty lithium soap acid and adding antioxidant. It is a high-efficiency, long-lifetime grease.

Offers excellent water resistance, mechanical stability, rust resistance and anti-oxidation stability. Can protect machinery to reduce the wear and tear, prolong the service life of machinery.

Application

- Suitable for electromechanical, heavy truck, railway locomotive, mining machinery, excavator, loader and so on.
- Suitable for the lubrication of bearings, sliding bearings and other friction parts under heavy load.
- Effectively reduce the wear and tear of mechanical parts, extend the service life of machinery.
- Optimum operating temperature: -20°C – 120°C.

Technical Date Sheet

Item	NLGI			Test method
	1#	2#	3#	
Color	 White			Visual
Worked cone penetration, 0.1mm	320	280	232	GB/T 269
Drop point, °C	200	200	201	GB/T 4929
Extend worked penetration (100000 Strokes), 0.1mm	331	289	250	GB/T 269
Water washout losses (38°C, 1h),%	2.40	1.60	0.75	SH/T 0109
Anticorrosive property(52°C, 48h), /Grade	1	1	1	GB/T 5018
Optimum operating temperature	-20°C – 120°C			

Caution

- Storage and transporation process to prevent the mixing of water and impurities.
- Can not mix with other grease.
- Can not be heated before use.
- Used grease remaining smooth in the original package in order to prevent gas.

General Purpose Lithium Base Lubricating Grease-C



Product Description

This product is refined mineral oil thickened by fatty lithium soap acid and adding antioxidant. It is a high-efficiency, long-lifetime grease.

Offers excellent water resistance, mechanical stability, rust resistance and anti-oxidation stability. Can protect machinery to reduce the wear and tear, prolong the service life of machinery.

Application

- Suitable for electromechanical, heavy truck, railway locomotive, mining machinery, excavator, loader and so on.
- Suitable for the lubrication of bearings, sliding bearings and other friction parts under heavy load.
- Effectively reduce the wear and tear of mechanical parts, extend the service life of machinery.
- Optimum operating temperature: -20°C – 120°C.

Technical Date Sheet

Item	NLGI			Test method
	1#	2#	3#	
Color	 Yellow			Visual
Worked cone penetration, 0.1mm	320	280	232	GB/T 269
Drop point, °C	168	168	169	GB/T 4929
Extend worked penetration (100000 Strokes), 0.1mm	331	289	250	GB/T 269
Water washout losses (38°C, 1h),%	2.40	1.60	0.75	SH/T 0109
Anticorrosive property(52°C, 48h), /Grade	1	1	1	GB/T 5018
Optimum operating temperature	-20°C – 120°C			

Caution

- Storage and transporation process to prevent the mixing of water and impurities.
- Can not mix with other grease.
- Can not be heated before use.
- Used grease remaining smooth in the original package in order to prevent gas.

HP-R High Temperature Complex Lithium Base Grease-AAA



Product Description

This product is refined high-viscosity base oil thickened by new composite lithium soap acid, with extreme pressure anti-wear, antioxidant and anti-rust additives etc.

It is tailored to the working environment requirements of domestic heavy vehicles and penetrate into the machine surface to form a firm protective film, reduce friction resistance, wear, noise and vibration. It has excellent colloidal stability making the grease has longer service life in high temperature working environment.

Application

- Suitable for the lubrication of wheel hub bearings of all kinds heavy trucks, large buses, high-speed cars and other vehicles.
- Suitable for the lubrication of friction parts of other mechanical equipments with high temperature and high load which requires high adhesion.
- Optimum operating temperature: -30°C – 200°C.

Technical Data Sheet

Item	Data	Test method
Color	 Blue  White	Visual
Worked cone penetration, 0.1mm	241	GB/T 269
Drop point, °C	325	GB/T 4929
Steel Mesh Oil Separation (100°C, 24h),%	2.2	GB/T 0324
Short of Extend worked penetration (100000 strokes) and worked penetration 0.1mm	50	GB/T 269
Wear resistance (392N, 60min), mm	0.60	GB/T 0204
Optimum operating temperature	-30°C – 200°C	

Caution

- Storage and transportation process to prevent the mixing of water and impurities.
- Can not mix with other grease.
- Can not be heated before use.
- Used grease remaining smooth in the original package in order to prevent gas.

HP-R High Temperature Complex Lithium Base Grease-A



Product Description

This product is refined high-viscosity base oil thickened by new composite lithium soap acid, with extreme pressure anti-wear, antioxidant and anti-rust additives etc.

It is tailored to the working environment requirements of domestic heavy vehicles and penetrate into the machine surface to form a firm protective film, reduce friction resistance, wear, noise and vibration. It has excellent colloidal stability making the grease has longer service life in high temperature working environment.

Application

- Suitable for the lubrication of wheel hub bearings of all kinds heavy trucks, large buses, high-speed cars and other vehicles.
- Suitable for the lubrication of friction parts of other mechanical equipments with high temperature and high load which requires high adhesion.
- Optimum operating temperature: -30°C — 180°C.

Technical Data Sheet

Item	Data	Test method
Color	 Blue	Visual
Worked cone penetration, 0.1mm	241	GB/T 269
Drop point, °C	320	GB/T 4929
Steel Mesh Oil Separation (100°C, 24h),%	2.2	GB/T 0324
Short of Extend worked penetration (100000 strokes) and worked penetration 0.1mm	50	GB/T 269
Wear resistance (392N, 60min), mm	0.60	GB/T 0204
Optimum operating temperature	-30°C – 180°C	

Caution

- Storage and transportation process to prevent the mixing of water and impurities.
- Can not mix with other grease.
- Can not be heated before use.
- Used grease remaining smooth in the original package in order to prevent gas.

HP-R High Temperature Complex Lithium Base Grease-B



Product Description

This product is refined high-viscosity base oil thickened by new composite lithium soap acid, with extreme pressure anti-wear, antioxidant and anti-rust additives etc.

It is tailored to the working environment requirements of domestic heavy vehicles and penetrate into the machine surface to form a firm protective film, reduce friction resistance, wear, noise and vibration. It has excellent colloidal stability making the grease has longer service life in high temperature working environment.

Application

- Suitable for the lubrication of wheel hub bearings of all kinds heavy trucks, large buses, high-speed cars and other vehicles.
- Suitable for the lubrication of friction parts of other mechanical equipments with high temperature and high load which requires high adhesion.
- Optimum operating temperature: -30°C — 180°C.

Technical Data Sheet

Item	Data	Test method
Color	 Blue	Visual
Worked cone penetration, 0.1mm	241	GB/T 269
Drop point, °C	301	GB/T 4929
Steel Mesh Oil Separation (100°C, 24h),%	2.2	GB/T 0324
Short of Extend worked penetration (100000 strokes) and worked penetration 0.1mm	50	GB/T 269
Wear resistance (392N, 60min), mm	0.60	GB/T 0204
Optimum operating temperature	-30°C – 180°C	

Caution

- Storage and transportation process to prevent the mixing of water and impurities.
- Can not mix with other grease.
- Can not be heated before use.
- Used grease remaining smooth in the original package in order to prevent gas.

Multi-Purpose High Grade Grease



Product Description

This product is refined mineral oil thickened by 12-hydroxy fatty metal soap acid, with antioxidant and anti-rust additives etc., It is a high-efficiency, long-lifetime grease. It has excellent mechanical stability, rust resistance and anti-oxidation stability. It is not easy to dilute and lose in using.

Application

- Applicable for lubrication of medium scale heavy load car's hub bearings, chassis, pump, electrical machinery and other machinery friction parts.
- Applicable for lubrication of sliding and rolling bearings of various mechanical equipments and other frictional parts.
- Optimum operating temperature: -20°C – 120°C.

Technical Date Sheet

Item	NLGI		Test method
	2#	3#	
Color	 Red		Visual
Worked cone penetration, 0.1mm	274	233	GB/T 269
Drop point, °C	135	136	GB/T 4929
Steel Mesh Oil Separation (100°C, 24h),%	4.1	1.1	SH/T 0324
Corrosion(T2 Copper, 100°C, 24h)	Pass	Pass	GB/T 7326 (B Method)
Anti-corrosion property(52°C, 48h), Level	1	1	GB/T 5018
Optimum operating temperature	-20°C – 120°C		

Caution

- Storage and transportation process to prevent the mixing of water and impurities.
- Can not mix with other grease.
- Can not be heated before use.
- Used grease remaining smooth in the original package in order to prevent gas.

Extreme Pressure Anti-wear Lithium Base Grease



Product Description

This product is refined mineral oil thickened by hydroxy fatty lithium soap acid, with extreme pressure anti-wear, antioxidant and anti-rust additives etc.

It has excellent water resistance, mechanical stability, extreme pressure, rust resistance and anti-oxidation stability. It can also exert its excellent lubricating performance under extremely harsh operating conditions.

Application

- Suitable for shield machines, rotary drilling, pump trucks, calenders, forging machines, mini machinery, various equipment in steel plants and so on.
- Suitable for the lubrication of mechanical bearings and other parts under the condition of high load or high impact friction load.
- Optimum operating temperature: -20°C – 150°C.

Technical Date Sheet

Item	NLGI		Test method
	2#	3#	
Color	■ Green		Visual
Worked cone penetration, 0.1mm	280	233	GB/T 269
Drop point, °C	180	182	GB/T 4929
Steel Mesh Oil Separation (100°C, 30h),%	2.1	-	SH/T 0324
Steel Mesh Oil Separation (100°C, 24h),%	-	1.5	
Corrosion(T2 Copper, 100°C, 24h)	Pass	Pass	GB/T 7326
Anti-corrosion property(52°C, 48h), Level	1	1	GB/T 5018
Optimum operating temperature	-20°C — 150°C		

Caution

- Storage and transportation process to prevent the mixing of water and impurities.
- Can not mix with other grease.
- Can not be heated before use.
- Used grease remaining smooth in the original package in order to prevent gas.

Semi Fluid Extreme Pressure Pumpable Lithium Base Grease



Product Description

This product is refined mineral oil thickened by fatty lithium soap acid with high performance additives. Offers excellent water resistance, pumpability and anti-oxidation stability.

Better leakproofness, lower consumption and lower noise emission than general lubricating oil.

Application

- Suitable for the centralized lubrication system of all kinds of equipment.
- Suitable for the lubrication of friction parts of concrete pump truck, reducer, gearbox, etc.
- Optimum operating temperature: -20°C – 120°C.

Technical Data Sheet

Item	NLGI			Test method
	0#	00#	000#	
Color and Apperance	 Yellow Semi-Fluid			Visual
Worked cone penetration, 0.1mm	368	414	460	GB/T 269
Drop point, °C	171	170	171	GB/T 4929
Anti-corrosion property (45 No. steel, 100°C, 3h)	Pass	Pass	Pass	GB/T 5018
Optimum operating temperature	-20°C – 120°C			

Caution

- Storage and transporation process to prevent the mixing of water and impurities.
- Can not mix with other grease.
- Can not be heated before use.
- Used grease remaining smooth in the original package in order to prevent gas.

Molybdenum Disulfide Extreme Pressure Grease



Product Description

This product is refined mineral oil thickened by fatty metal soap acid and adding molybdenum disulfide, antioxidant, anti-rust additives etc.

Offers excellent mechanical stability, extreme pressure, rust resistance and anti-oxidation stability. Can protect machinery to reduce the wear and tear, prolong the service life of machinery.

Application

- Applicable for lubrication of heavy load mechanical equipment.
- Applicable for mining, metallurgy, construction and other industrial machine's bear and gear lubrication under heavy load circumstance.
- Optimum operating temperature: -20°C – 120°C.

Technical Data Sheet

Item	Data	Test method
Color	■ Black	Visual
Worked cone penetration, 0.1mm	241	GB/T 269
Drop point, °C	145	GB/T 4929
Extended work cone penetration (100000 times) 0.1mm	279	GB/T 269
Extreme pressure performance (four ball machine method) PB value, N	549	SH/T 0109
Anti-corrosion property(52°C, 48h), Level	1	GB/T 5018
Optimum operating temperature	-20°C — 120°C	

Caution

- Storage and transportation process to prevent the mixing of water and impurities.
- Can not mix with other grease.
- Can not be heated before use.
- Used grease remaining smooth in the original package in order to prevent gas.

Special grease for picking spindle of cotton picker



Product Description

Specially designed for picking gear of cotton picking machine, using reasonable thickener, high-quality base oil and additives, suitable for the lubrication of picking gear of cotton picking machine in centralized grease supply mode Lubrication requirements.

Excellent low temperature flow and pumping performance, excellent lubrication, protection performance, excellent anti-wear performance and operability.

Application

- Suitable for the lubrication of spindle gears of imported and domestic cotton pickers.
- Optimum operating temperature: -30°C – 120°C.

Technical Data Sheet

Item	Data	Test method
Color	 Green  White	Visual
Worked cone penetration, 0.1mm	404	GB/T 269
Drop point, °C	190	GB/T 4929
Anti-corrosion property (45 No. steel, 100°C, 3h)	Pass	GB/T 5018
Optimum operating temperature	-30°C – 120°C	

Caution

- Storage and transportation process to prevent the mixing of water and impurities.
- Can not mix with other grease.
- Can not be heated before use.
- Used grease remaining smooth in the original package in order to prevent gas.



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