

PRODUCT CATALOG

Personalized lubrication
& Expert protection



ZHONGTIAN PETROCHEMICAL GROUP

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COMPANY PROFILE

Zhongtian Petrochemical Group was founded in 1998, the main businesses include lubricant production, automotive aftermarket services, third-party testing, and international trade.

For many years, our group has been awarded a series of qualifications and honors, including "National High tech Enterprise", "National Intellectual Property Demonstration Enterprise", "National Contract abiding and Credit Valuing Enterprise", "National Green Factory", "National Key Specialized, Refined, and New 'Little Giant' Enterprise", "Anhui Provincial Technology Innovation Demonstration Enterprise", and "Anhui Provincial Top 100 Comprehensive Private Enterprises". In addition, our group has established the Provincial Enterprise Technology Center, Provincial Engineering Technology Research Center, Academician Workstation, and Postdoctoral Workstation, and we are the organizer of the Anhui Lubricating Oil Standardization Technical Committee. In recent years, the group has undertaken and successfully completed technical research projects such as the Torch Plan, high-quality development, and major scientific and technological projects issued by the National Development and Reform Commission, the Ministry of Industry and Information Technology, and the Ministry of Science and Technology.

Our group has an advanced intelligent production line for lubricating oil, equipped with industry-leading experimental testing equipment, and has an annual production capacity of 500,000 tons of lubricating oil. The products include two major series of lubricating grease and lubricating oil, with over 1000 sub varieties. The two major independent brands "Fumantian" and "Noblu" have been recognized as "China Famous Trademark" and "Anhui Famous Trademark" respectively. The group has a nationally authorized third-party testing agency, and the testing data is globally recognized. The comprehensive indicators of the group's production capacity scale, brand influence, and scientific research strength rank among the top of private enterprises in the industry.

1000
+

Two major categories
Over 1000 products

26
Years

26 years of experience
in the lubricating
oil industry

500
Thousand
tons

Annual production capacity
of various lubricating greases
is 500,000 tons

4
Major
areas

Industrial and agricultural
machinery and equipment;
means of transportation;
Civil living facilities;
National Defense Military Equipment



2014

Approved to set up "Anhui Province Lubricating grease Engineering Technology Research Center"

Approved to set up the "Anhui Province Academician Workstation"

"Noblu" was recognized as "Famous Trademark of Anhui Province"

2012

"Fumantian" trademark was recognized as "Anhui Province Famous Trademark"

Gao Xiaomou, Chairman of the Group, Elected as a Representative of Anhui Provincial People's Congress

1998

Zhongtian Petrochemical, as one of the government's first batch of investment-attracting enterprises, settled in Susong and built its first production base

2017

Recognized as a "National Intellectual Property Advantage Enterprise"

Mr. Gao Xiaomou, chairman of the group, was elected as the executive member of the 12th All-China Federation of Industry and Commerce and the vice-chairman of the 11th Anhui Provincial Federation of Industry and Commerce

2016

Recognized as the national "contract and credit unit"

"Fu Mantian" trademark was recognized as "China well-known trademark"

Mr. Gao Xiaomou, chairman of the Group, was selected as the leading talent of the national "Ten Thousand Talents Plan"

2021

Recognized as a national key specialized special new "little giant" enterprise

Mr. Gao Xiaomou, chairman of the Group, was elected "Top Ten Huizhou Business Leaders"

The Group's testing company have been certified by CMA and CNAS and become a state-authorized third-party testing institution

2020

Approved to set up "Postdoctoral Research Station"

Recognized as "National Green Factory"

Recognized as a national specialized special new "little giant" enterprise

2019

Honored to be on the list of "Top 100 Private Enterprises in Manufacturing Industry in Anhui Province"

2022

Recognized as "National Intellectual Property Demonstration Enterprise" and "Wanmei Brand Demonstration Enterprise"

The trademark of "Fumantian" was selected as the first batch of trademark protection list in Anhui Province

Mr. Gao Xiaomou, the chairman of the group, was elected as the standing committee of the 13th National Federation of Industry and Commerce and the vice chairman of the 12th Anhui Province Federation of Industry and Commerce

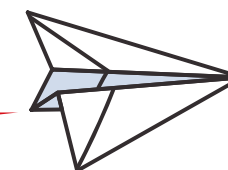
2023

Mr. Gao Xiaomou, Chairman of the Group, was honored as a member of the 13th Anhui Provincial Committee of the Chinese People's Political Consultative Conference

Mr. Gao Xiaomou, Chairman of the Group, has been appointed as the Second Special Inspector of Anhui Provincial Supervision Commission

Approved to establish Anhui Provincial Key Laboratory

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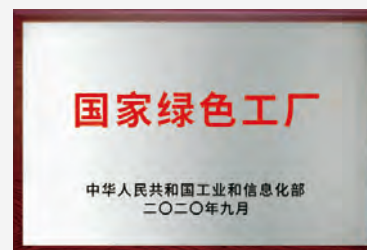




National Intellectual Property
Advantage Enterprise



Specialized and Sophisticated
Enterprise



National Green Factory



High-Tech Enterprise

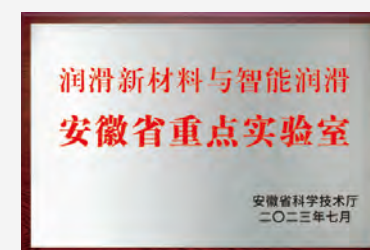


Enterprise of Credit

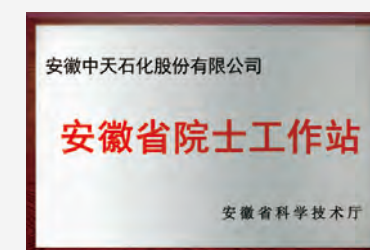


China Well-known Trademark

HONORARY QUALIFICATIONS



Anhui Provincial Key Laboratory



Anhui Academician Workstation



Post-Doctoral Research Center



PRODUCT INTRODUCTION



SP FULLY SYNTHETIC GASOLINE ENGINE OIL

Characteristics

This product used new additive technology ,and has excellent performance in the newest turbocharged gasoline direct injection (TGDI) engine, meeting the ILSAC GF-6 specification requirements.

Application

suitable for gasoline engines with technologies such as turbocharging and in cylinder direct injection.

Advantage

- Excellent antioxidant properties, prolong the life of the oil;
- Excellent valve wear protection and sediment control for increased engine durability;
- Greatly inhibit the occurrence of low speed early ignition (LSPI), protect the engine timing chain wear, and fully protect the engine hardware;
- Excellent fuel economy, more energy saving.

Technical Data Sheet

ITEM	TYPICAL DATE					
Viscosity grade	0W-20	5W-20	5W-30	10W-30	5W-40	10W-40
Kinematic viscosity 100C°,cst	8.9	8.9	10.9	10.7	14.08	14.14
Pour point	-45	-42	-42	-39	-42	-39
Flash point, °C	220	222	224	226	238	242
Low Temperature kinematic viscosity mpa,s	5002 (-35°C)	5210 (-35°C)	5370 (-30°C)	5860 (-25°C)	5710 (-30°C)	6042 (-25°C)
The physical property values above are typica of norma production and may vary						

Technical Specifications

	0W-20	0W-20	0W-20	0W-20	0W-20	0W-20
API	SP					
ILSAC	GF-6	GF-6	GF-6	GF-6	GF-6	GF-6

Packing Specification

1L, 1QT, 4L ,1Gal, 18L, 5Gal, 200L

Model Number

0W-20, 5W-20, 5W-30, 5W-40,10W-30,10W-40



SN SYNTHETIC GASOLINE ENGINE OIL

Characteristics

This product uses high quality synthetic base oil supplemented by imported excellent and efficient additives to fully protect the engine and improve the driving experience.

Application

This product is suitable for fuel injection and gasoline engines equipped with crankcase ventilation and catalytic converter operating under harsh conditions.

Advantage

- Exceptional anti-friction and self-healing ability, reduce noise, reduce vibration, extend engine life;
- Unique power cleaning factor, quickly remove engine sediment;
- Excellent shear stability and low volatility effectively prevent viscosity loss and depletion;
- Effectively save fuel, reduce exhaust emissions, environmentally friendly.

Technical Data Sheet

ITEM	TYPICAL DATE					
Viscosity grade	0W-20	0W-30	0W-40	5W-30	5W-40	10W-40
Kinematic viscosity 100C°,cst	6.92	10.97	14.41	11.19	14.08	14.47
Pour point	-45	-45	-45	-39	-39	-36
Flash point, °C	218	220	236	224	232	236
Low Temperature kinematic viscosity mpa,s	5142 (-35°C)	5225 (-35°C)	5475 (-30°C)	5798 (-25°C)	5800 (-30°C)	6490 (-25°C)
The physical property values above are typica of norma production and may vary						

Technical Specifications

	0W-20	0W-30	0W-40	5W-30	5W-40	10W-40
API	SN					
ILSAC	GF-5	GF-5	GF-5			
ACEA	A5/B5-16	A5/B5-16	A3/B4-16	A5/B5-16	A3/B4-16	A3/B4-16
MB	226.5V2016.1、229.3V2016.1、229.5V2012.2					226.5V2016.1 229.3V2016.1
VW	502.00/505.00					502.00/505.00
RN	0710/0700					
JASO	MA2-2016					

Packing Specification

1L, 1QT, 4L ,1Gal, 18L, 5Gal, 200L

Model Number

0W-20,0W-30,0W-40, 5W-20, 5W-30, 5W-40,10W-40



SL SYNTHETIC GASOLINE ENGINE OIL

Characteristics

This product adopts imported high-quality base oil supplemented with functional nanomaterials, effectively reducing wear, improving mechanical efficiency, automatically repairing scratches, and comprehensively protecting the engine.

Application

This product is suitable for gasoline engines of various economic cars, taxis and operating vehicles.

Advantage

- Exceptional anti-friction and self-healing ability, reduce noise, reduce vibration, extend engine life;
- Unique power cleaning factor, quickly remove engine sediment;
- Excellent shear stability and low volatility effectively prevent viscosity loss and depletion;
- Effectively save fuel, reduce exhaust emissions, environmentally friendly.



Technical Data Sheet

ITEM	TYPICAL DATE			
Viscosity grade	5W-30	10W-40	15W-40	20W-50
Kinematic viscosity 100C°,cst	11.03	14.39	14.51	17.82
Pour point	-40	-36	-30	-27
Flash point, °C	222	226	230	242
Low Temperature kinematic viscosity mpa,s	5842 (-30°C)	6445 (-25°C)	6521 (-20°C)	8905 (-15°C)
The physical property values above are typica of norma production and may vary				

Technical Specifications

	5W-30	10W-40	15W-40	20W-50
API	SL			
JASO	MA			
GB	GB11121-2006 SL			

Packing Specification

1L, 1QT, 4L ,1Gal, 18L, 5Gal, 200L

Model Number

5W-30, 10W-40, 15W-40, 20W-50

SJ SYNTHETIC GASOLINE ENGINE OIL

Characteristics

This product is made of imported high quality base oil supplemented by high performance additives with advanced blending technology.

Application

This product is suitable for gasoline engines of various economic cars, taxis and operating vehicles.

Advantage

- Balanced low temperature start-up and high temperature lubrication performance, universal in all seasons;
- Excellent anti-wear formula, effectively reduce engine wear, extend engine life;
- High viscosity formula, prevent gas and reduce oil consumption, suitable for high temperature environment;
- Excellent cleaning dispersion and anti-sediment ability, to protect the engine lasting clean.



Technical Data Sheet

ITEM	TYPICAL DATE		
Viscosity grade	10W-40	15W-40	20W-50
Kinematic viscosity 100C°,cst	14.54	14.47	17.93
Pour point	-36	-30	-27
Flash point, °C	224	230	246
Low Temperature kinematic viscosity mpa,s	6542 (-25°C)	6608 (-20°C)	8950 (-15°C)
The physical property values above are typica of norma production and may vary			

Technical Specifications

	10W-40	15W-40	20W-50
API	SG/CD、SJ/CF		
JASO	MA		
GB	GB11121-2006 SG/SJ		

Packing Specification

1L, 1QT, 4L ,1Gal, 18L, 5Gal, 200L

Model Number

5W-30, 10W-40, 15W-40, 20W-50

CF-4 HIGH PERFORMANCE DIESEL ENGINE OIL

Characteristics

This product is made of imported high-quality base oil supplemented with high-quality cleaning, dispersing, anti-wear, anti-rust and other additives, and is produced by advanced blending technology.

Application

This product is suitable for diesel engines of various heavy-duty, high-pressure, high-power container transport vehicles, engineering vehicles, generator sets, large-scale agricultural machinery equipment, mining, construction and other engineering equipment.

Advantage

- It has excellent high-temperature detergency and low-temperature dispersibility, effectively inhibits the generation of deposits, varnish and sludge, and keeps the engine clean;
- Excellent anti-wear and lubricating properties, effectively prolonging the life of the engine, prolonging the period of overhaul, and improving the economic benefits of users;
- Excellent anti-rust, anti-corrosion and anti-deposition properties;
- High-viscosity distillate is not easy to volatilize, less evaporation loss, no need to refill engine oil frequently.

Technical Data Sheet

ITEM	TYPICAL DATE	
Viscosity grade	15W-40	20W-50
Kinematic viscosity 100C°,cst	15.45	19.88
Pour point	-27	-24
Flash point, °C	230	246
Low Temperature kinematic viscosity mpa,s	6698 (-20°C)	8897 (-15°C)
The physical property values above are typica of norma production and may vary		

Technical Specifications

	15W-40	20W-50
API	CF-4	
GB	GB11122-2006 CF-4	

Packing Specification

1L, 1QT, 4L ,1Gal, 18L, 5Gal, 200L

Model Number

15W-40, 20W-50



CH-4 HIGH PERFORMANCE DIESEL ENGINE OIL

Characteristics

This product is made of highly refined high-viscosity index base oil, selected imported compound additives, and produced by advanced blending technology.

Application

This product is suitable for diesel engines of various heavy-duty, high-pressure, high-power container transport vehicles, engineering vehicles, generator sets, large-scale agricultural machinery equipment, mining, construction and other engineering equipment.

Advantage

- Powerful cleaning and dispersing ability, reducing carbon deposition and avoiding clogging of machine filter screen;
- Stable oil film and strong power;
- Excellent alkali value retention ability, good corrosion resistance, prevent acid corrosion caused by fuel combustion;
- Excellent anti-oxidation and anti-acidification ability, effectively prolonging the oil change period.

Technical Data Sheet

ITEM	TYPICAL DATE	
Viscosity grade	15W-40	20W-50
Kinematic viscosity 100C°,cst	15.45	19.88
Pour point	-27	-24
Flash point, °C	230	246
Low Temperature kinematic viscosity mpa,s	6453 (-20°C)	8690 (-15°C)
The physical property values above are typica of norma production and may vary		

Technical Specifications

	API	GB	MB	MAN	Deutz	Cummins	Mack	Cat
15W-40	CH-4	Gb11122-2006 CH-4	MB 228.3	MAN 3275-1	DCQ-II	CES 20077/76	EO-M	ECF-1a

Packing Specification

1L, 1QT, 4L ,1Gal, 18L, 5Gal, 200L

Model Number

15W-40, 20W-50



CI-4 HEAVY DUTY DIESEL ENGINE OIL

Characteristics

This product is made of highly refined high-viscosity index base oil, selected imported compound additives, and produced by advanced blending technology.

Application

This product is suitable for diesel engines of various heavy-duty, high-pressure, high-power container transport vehicles, engineering vehicles, generator sets, large-scale agricultural machinery equipment, mining, construction and other engineering equipment.

Advantage

- Efficient cleaning ability, reducing carbon deposits, keeping the engine clean and reducing body wear;
- Add high-performance anti-wear agent, which has effective anti-wear ability and prolongs the life of the engine;
- Excellent viscosity-temperature performance, long-lasting viscosity retention ability, little change in viscosity during use;
- Good alkali number retention ability, strong corrosion resistance, and excellent oxidation resistance under high temperature and high load conditions.

Technical Data Sheet

ITEM	TYPICAL DATE	
	15W-40	20W-50
Viscosity grade	15W-40	20W-50
Kinematic viscosity 100C°,cst	15.30	19.88
Pour point	-30	-24
Flash point, °C	230	246
Low Temperature kinematic viscosity mpa,s	6574 (-20°C)	8814 (-15°C)
The physical property values above are typica of norma production and may vary		

Technical Specifications

	API	ACEA	MB	MAN	Deutz	Cummins	Mack	Caterpillar	Volvo
15W-40	CI-4	E7-12	MB 228.3	MAN 3275-1	DCQ-II	CES 20077/76	EO-M	ECF-1a	VDS-3

Packing Specification

1L, 1QT, 4L ,1Gal, 18L, 5Gal, 200L

Model Number

15W-40, 20W-50



CJ-4 E9 SYNTHETIC DIESEL ENGINE OIL

Characteristics

This product is produced by using deeply hydrogenated high viscosity index base oil, selected high quality imported additives and advanced blending process.

Application

This product is suitable for all kinds of heavy-duty, highly pressurised, high-powered container transport vehicles, engineering vehicles, generator sets, large agricultural equipment and diesel engines for mining, construction and other engineering equipment.

Diesel engines that meet Euro IV/ Euro V emission requirements, with exhaust gas recirculation (EGR) systems, urea reduction systems (SCR) or with particle traps (DPF).

Advantage

- Highly efficient cleaning capacity;
- Effective wear resistance and extensionfor longer engine life;
- Excellent viscosity and temperature properties;
- Good alkali retention, corrosion resistance and oxidation stability.

Technical Data Sheet

ITEM	TYPICAL DATE				TESTING METHOD
	5W-40	10W-40	15W-40	20W-50	
Kinematic viscosity 100C°,cst	15.45	19.88	15.45	19.88	GB/T265
Low Temperature kinematic viscosity mpa,s	6453 (-20°C)	8690 (-15°C)	6453 (-20°C)	8690 (-15°C)	GB/T6538
Boundary pumping temperature°C≤	60000 (-35°C)	60000 (-30°C)	60000 (-25°C)	60000 (-20°C)	SH/T0562
Flash point,°C≥	200	205	215	215	GB/T3536
Pour point,°C≤	-35	-30	-25	-20	GB/T3535
Foam tendency(foam stability), ml/ml	10/0				GB/T12579
24°C,ml/ml<	20/0				GB/T12579
93.5°C,ml/ml<	10/0				GB/T12579
Second time 24°C,ml/ml<					GB/T12579
The physical property values above are typica of norma production and may vary					

Packing Specification

1L, 1QT, 4L ,1Gal, 18L, 5Gal, 200L

Model Number

5W-40, 10W/40, 15W-40, 20W-50



CK-4 SYNTHETIC DIESEL ENGINE OIL

Characteristics

This product is made of deep hydrogenation and high viscosity index base oil, selected high-quality imported additives, and produced by advanced blending technology.

Application

This product is suitable for diesel engines of various heavy-duty, high-pressure, high-power container transport vehicles, engineering vehicles, generator sets, large-scale agricultural machinery equipment, mining, construction and other engineering equipment.

Satisfy the existing various types of exhaust gas purification system diesel engines on the market.

Advantage

- Excellent oxidation stability, reduce the production of sludge, prolong the oil change cycle;
- Excellent wear protection to further protect engine hardware and durability;
- Excellent shear stability, more accurately play the subtle performance of the engine;
- Fully compatible with existing and new diesel engines;
- Excellent fuel economy, meet the requirements of Euro VI environmental protection.

Technical Data Sheet

ITEM	TYPICAL DATE		
Viscosity grade	10W-30	10W-40	15W-40
Kinematic viscosity 100C°,cst	10.87	15.12	14.87
Pour point	-42	-42	-36
Flash point, °C	222	228	230
Low Temperature kinematic viscosity mpa,s	6574 (-25°C)	6574 (-25°C)	6478 (-20°C)
The physical property values above are typica of norma production and may vary			

Technical Specifications

	API	ACEA	Cummins	CAT	Volvo	MB	Deutz
10W-30	FA-4		DFS 93K223				
10W-40 15W-40	CK-4	E9-16	DFS 93K222	ECF-3	VDS-4.5	228.31	DQC III-10LA

Packing Specification

1L, 1QT, 4L ,1Gal, 18L, 5Gal, 200L

Model Number

10W-30, 10W-40, 15W-40



GL-4 MEDIUM-DUTY VEHICLES GEAR OIL

Characteristics

This product is produced with imported highly refined high-viscosity index base oil compounded with imported sulfur-phosphorous multifunctional compound additives, and is produced by advanced blending technology.

Application

This product is suitable for lubricating the gears of manual transmissions of various trucks, cars, buses and engineering machinery.

Advantage

- Good high and low temperature performance, to ensure the normal operation of the gearbox in a wide temperature range;
- Excellent load-carrying capacity, prevent gear abrasion and wear, and effectively protect gear components;
- Good anti-rust performance to ensure the normal operation of the gearbox;
- Good thermo-oxidative stability, preventing oil from deteriorating at high temperature.

Technical Data Sheet

ITEM	TYPICAL DATE		
Viscosity grade	75W-90	80W-90	85W-90
Kinematic viscosity 100C°,cst	15.12	16.43	17.18
Pour point	-42	-30	-24
Flash point, °C	205	218	228
Apparent viscosity,mPa.s	99872 (-40°C)	113762 (-26°C)	129747 (-12°C)
The physical property values above are typica of norma production and may vary			

Technical Specifications

	75W-90	80W-90	85W-90
API		GL-4	

Packing Specification

1L, 1QT, 4L ,1Gal, 18L, 5Gal, 200L

Model Number

75W-90, 80W-90, 85W-90



GL-5 HEAVY-DUTY VEHICLE GEAR OIL

Characteristics

This product is made of imported highly refined high viscosity index base oil compounded with imported sulfur and phosphorus multifunctional compound additives, and is produced by advanced blending technology.

Application

This product is suitable for all kinds of trucks, commercial vehicles, especially heavy-duty vehicles hyperbolic gear rear axle lubrication system.

Advantage

- Excellent oxidation stability, reduce the production of sludge, prolong the oil change cycle;
- Excellent bearing capacity, can cope with various harsh working conditions, ensure that the gear surface is not scratched, occluded and sintered, and effectively reduce gear wear;
- Good shear stability, stable oil film, make the gear work quiet and smooth;
- Excellent anti-oxidation, anti-corrosion and anti-rust properties, long service life and extended overhaul period;
- Good low-temperature performance, which can meet the requirements of oil products to ensure the normal operation of equipment at low temperature.

Technical Data Sheet

ITEM		TYPICAL DATE		
Viscosity grade		80W-90	85W-90	85W-140
Kinematic viscosity 100C°,cst		15.57	16.72	28.26
Pour point		-30	-21	-18
Flash point, °C		218	234	246
Apparent viscosity,mPa.s		107630 (-26°C)	124514 (-12°C)	130122 (-12°C)
The physical property values above are typica of norma production and may vary				

Technical Specifications

	80W-90	85W-90	85W-140
API	GL-5		

Packing Specification

1L, 1QT, 4L ,1Gal, 18L, 5Gal, 200L

Model Number

80W-90, 85W-90,85W-140



ATF AUTOMATIC TRANSMISSON FLUID

Characteristics

This product is made from imported synthetic oil compounded with imported high-efficiency compound additives and produced with advanced blending technology.

Application

It is suitable for passenger car speed planetary gearboxes, hydraulic transmission systems and automatic transmission systems for construction machinery, power steering systems and other hydraulic systems.

Advantage

- Excellent thermal oxidation stability and low temperature serviceability;
- Excellent extreme pressure and wear resistance and reliability;
- Excellent oxidative stability;
- Excellent seal compatibility.

Technical Data Sheet

ITEM	TYPICAL DATE		
	ATF-5	ATF-6	ATF-9
Kinematic viscosity 40C°,cst	35.87	29.26	28.44
Kinematic viscosity 100C°,cst	7.085	6.096	5.84
Viscosity index	150	154	151
Pour point, °C	-48	-49	-48
-40°C Brinell viscosity, cP	17586	15000	15735
The physical property values above are typica of norma production and may vary			

Packing Specification

1L, 1QT, 4L ,1Gal, 18L, 5Gal, 200L

Model Number

ATF-5, ATF-6, ATF-9



MTF MANUAL TRANSMISSION FLUID

Characteristics

This product is made of synthetic base oil mixed with imported high quality additives and produced by advanced blending technology.

Application

It is suitable for the lubrication system of manual transmission gears of various trucks, cars, passenger cars and construction machinery, especially for manual transmissions with synchronizers.

Advantage

- Excellent thermal oxidation stability and low temperature performance;
- Excellent synchronizer shift performance, increase the driving comfort;
- Excellent extreme pressure anti-wear performance, effective protection of gear components;
- Excellent bearing capacity, prevent gear abrasion and wear, extend the service life of the gearbox.

Technical Data Sheet

ITEM	TYPICAL DATE		
Viscosity grade	75W-80	75W-90	80W-90
Kinematic viscosity 100C°,cst	9.8	14.78	16.32
Pour point	-48	-48	-36
Flash point, °C	205	210	220
-40°C Brookfield Viscosity, cP	(-40°C) 21350	(-40°C) 90746	(-26°C) 81683
The above data are typical values of current products. In the future, the data of each batch of products may fluctuate within the scope of product quality standards.			

Technical Specifications

Viscosity grade	75W-80	75W-90	80W-90
Manual transmissions for all OEMs			

Packing Specification

1L, 1QT, 4L ,1Gal, 18L, 5Gal, 200L

Model Number

MTF FOR COMMERCIAL VEHICLES,MTF FOR PASSENGER CAR,MTF 75W80,MTF 75W-85,MTF 75W-90,MTF 80W-90



L-HM ANTI WEAR HYDRAULIC OIL

Characteristics

This product is a highly refined high quality base oil with anti-wear, anti-rust, anti-oxygen, anti-foam, anti-corrosion and other additives, and is produced by advanced blending technology.

Application

This product is suitable for lubrication of low and medium pressure hydraulic system of various industrial machinery, construction machinery, ships and vehicles.

Advantage

- Good wear resistance, effectively reduce hydraulic pump wear, extend pump and system operating life;
- Good oxidation stability; Good rust and corrosion resistance;
- Good rubber adaptability, effective protection of sealing materials, prevent leakage;
- Good foam resistance.

Technical Data Sheet

ITEM	TYPICAL DATE				
Viscosity grade	32	46	68	100	150
Kinematic viscosity(40°C),mm²/s	30.12	45.78	68.12	98.47	147.96
Viscosity index	91	92	91	92	90
Flash point (open),°C	205	226	232	238	240
Pour point,°C	-18	-15	-15	-15	-15
Corrosion test (copper sheet, 100°C, 3h)	1b	1b	1b	1b	1b
Liquid phase corrosion (24H) A method	trace	trace	trace	trace	trace
The physical property values above are typical of normal production and may vary					

Technical Specifications

- Conform to GB11118.1-2011 (L-HM) standards
- Achieved Parker-Denison HF-1, HF-2 certification

Packing Specification

18L,5 Gallon,200L,208L,55 Gallon

Model Number

L-HM32#,L-HM46#,L-HM68#,L-HM100#,L-HM150#



L- HM HIGH PRESSURE ANTI WEAR HYDRAULIC OIL

Characteristics

This product is a highly refined high quality base oil with anti-wear, anti-rust, anti-oxygen, anti-foam, anti-corrosion and other additives, and is produced by advanced blending technology.

Application

This product is suitable for lubrication of medium and high pressure hydraulic system such as industry, shipping and mobile machinery equipment.

Advantage

- Good wear resistance, effectively extend the pump and system operating life;
- Excellent filterability minimizes filter clogging;
- Excellent oxidation stability, longer service life of the oil;
- Excellent rubber adaptability, effective protection of sealing materials, prevent leakage;
- Good water separation performance, so that oil and water separation quickly, avoid oil emulsification;
- Good air release and foam resistance;
- Good viscosity and temperature performance and good shear stability, high temperature to provide effective lubrication protection.

Technical Data Sheet

ITEM	TYPICAL DATE			
Viscosity grade	32	46	68	100
Kinematic viscosity(40°C),mm²/s	30.12	46.25	67.04	98.74
Viscosity index	105	99	97	95
Flash point (open),°C	205	226	232	238
Pour point,°C	-27	-21	-21	-21
Moisture	trace	trace	trace	trace
The physical property values above are typical of normal production and may vary				

Technical Specifications

- Conform to GB11118.1-2011 (L-HM) standards
- Acquire Parker-Denison HF-0 Certification

Packing Specification

18L,5 Gallon,200L,208L,55 Gallon

Model Number

L-HM32#,L-HM46#,L-HM68#,L-HM100#



L- HM ASHLESS ANTI WEAR HYDRAULIC OIL

Characteristics

This product is made of highly refined high quality base oil and ash-free additive formula with advanced blending process.

Application

This product is suitable for lubrication of medium and high pressure hydraulic system such as industry, shipping and mobile machinery equipment, especially suitable for precision hydraulic system containing copper and silver parts.

Advantage

- The unique zinc-free anti-wear formula effectively protects the silver-containing parts and prolongs the life of pumps made of silver and silver-plated parts;
- Excellent wear resistance, effectively extend the pump and system operating life;
- Good filterability minimizes filter clogging;
- Good oxidation stability, longer service life of the oil;
- Excellent rubber adaptability, effective protection of sealing materials, prevent leakage;
- Excellent hydrolysis stability, when the system is subjected to a small amount of water pollution can also provide good protection.

Technical Data Sheet

ITEM	TYPICAL DATE			
Viscosity grade	32	46	68	100
Kinematic viscosity(40°C),mm²/s	33.32	46.07	67.75	100.81
Viscosity index	105	99	97	95
Flash point (open),°C	205	226	232	238
Pour point,°C	-27	-21	-21	-21
Moisture	trace	trace	trace	trace
The physical property values above are typical of normal production and may vary				

Technical Specifications

- Conform to GB11118.1-2011 (L-HM) standards
- Acquire Parker-Denison HF-0 certification

Packing Specification

18L,5 Gallon,200L,208L,55 Gallon

Model Number

L-HM32#,L-HM46#,L-HM68#,L-HM100#,L-HM150#



L- HE HIGH CLEANLINESS ANTI WEAR HYDRAULIC OIL

Characteristics

This product is suitable for lubrication of low and medium pressure hydraulic system of various industrial machinery, construction machinery, ships and vehicles.

Application

This product is suitable for lubrication of medium and high pressure hydraulic system such as industry, shipping and mobile machinery equipment.

Advantage

- High cleaning, effectively reduce pump core wear and extend pump and system operating life;
- Excellent filterability minimizes filter clogging;
- Excellent oxidation stability, longer service life of the oil.
- Excellent rubber adaptability, effective protection of sealing materials, prevent leakage;
- Good water separation performance, so that oil and water separation quickly, avoid oil emulsification;
- Good air release and foam resistance.

Technical Data Sheet

ITEM	TYPICAL DATE			
Viscosity grade	32	46	68	100
Kinematic viscosity(40°C),mm²/s	30.24	45.12	66.89	95.12
Viscosity index	107	105	95	97
Flash point (open),°C	205	226	232	238
Pour point,°C	-27	-21	-21	-21
Moisture	trace	trace	trace	trace
Cleanliness (NAS 1683)	6	6	6	6
The physical property values above are typical of normal production and may vary				

Technical Specifications

- GB11118.1-2011 (L-HM) standards
- Acquire Parker-Denison HF-0 Certification

Packing Specification

18L,5 Gallon,200L,208L,55 Gallon

Model Number

L-HE32#,L-HE46#,L-HE68#



L-HV LOW TEMPERATURE HYDRAULIC OIL

Characteristics

This product is made of highly refined high viscosity index base oil and selected high-performance additives in an advanced blending process.

Application

This product is suitable for medium and high pressure hydraulic pressure system in open air, cold area and environment temperature change or harsh working conditions, such as construction machinery, construction machinery, mining machinery, oilfield machinery, ships and vehicles hydraulic system.

Advantage

- Excellent high and low temperature performance, providing excellent low temperature starting performance, low temperature flow performance and high temperature protection, effectively extending the service life of oil products;
- Excellent viscosity and temperature performance, shear stability, oxidation stability, small viscosity change, make the hydraulic system work more stable;
- Excellent anti-wear and anti-rust, anti-corrosion properties for hydraulic equipment to provide effective protection;
- Excellent rubber adaptability, effective protection of sealing materials, prevent leakage;
- Good hydrolysis stability, when the system is subjected to a small amount of water pollution can also provide good protection.

Technical Data Sheet

ITEM	TYPICAL DATE					
Viscosity grade	10	15	22	32	46	68
Kinematic viscosity(40°C),mm²/s	10.14	14.56	20.94	29.74	45.47	66.9
Viscosity index	138	140	145	148	144	146
Flash point (open),°C	170	180	180	185	205	224
Pour point,°C	-49	-49	-49	-49	-49	-49
Moisture	trace	trace	trace	trace	trace	trace
The physical property values above are typical of normal production and may vary						

Technical Specifications

- Conform to GB11118.1-2011 (L-HV) standard
- Acquire Parker-Denison HF-0 certified

Packing Specification

18L,5 Gallon,200L,208L,55 Gallon

Model Number

HV10,L-HV15,L-HV22,L-HV32#,L-HV46#,L-HV68#



10# AVIATION HYDRAULIC OIL

Characteristics

This product adopts highly refined high-quality base oil and selected high-performance additives, and it is produced by advanced blending technology.

Application

This product is suitable for the working fluid of various hydraulic systems with high requirements, as well as various hydraulic mechanical equipment in severe cold areas and on the ground of airports. Such as automatic transmission systems such as dump trucks, telescopic arms of fire trucks, oil tank hydraulic equipment, ship cranes, deck machinery, excavators, windlasses, oil for large cranes, and ground engineering equipment with strict low temperature requirements.

Advantage

- Good low temperature performance, suitable for hydraulic systems working in cold regions;
- Excellent oxidation stability, longer service life of oil;
- Excellent anti-rust and anti-corrosion properties, preventing corrosion of hydraulic systems.

Technical Data Sheet

For sky use:

ITEM	TYPICAL DATE
Viscosity grade	10
Appearance	Red transparent liquid
Kinematic viscosity(50°C),mm²/s	11.32
Kinematic viscosity(-50°C),mm²/s	942
Flash point (open),°C	96
Condensation	-73
Mechanical impurities,%	No
Water-soluble acids or bases	No
Liquid phase corrosion (24h, distilled water)	Qualified
Copper Corrosion, Grade	1a
The physical property values above are typical of normal production and may vary	

Technical Specifications

- Acquire SH/T 0358-1995 Certification

Packing Specification

18L,5 Gallon,200L,208L,55 Gallon

Model Number

10#



10# AVIATION HYDRAULIC OIL

Characteristics

This product adopts highly refined high-quality base oil and selected high-performance additives, and it is produced by advanced blending technology.

Application

This product is suitable for the working fluid of various hydraulic systems with high requirements, as well as various hydraulic mechanical equipment in severe cold areas and on the ground of airports. Such as automatic transmission systems such as dump trucks, telescopic arms of fire trucks, oil tank hydraulic equipment, ship cranes, deck machinery, excavators, windlasses, oil for large cranes, and ground engineering equipment with strict low temperature requirements.

Advantage

- Good low temperature performance, suitable for hydraulic systems working in cold regions;
- Excellent oxidation stability, longer service life of oil;
- Excellent anti-rust and anti-corrosion properties, preventing corrosion of hydraulic systems.

Technical Data Sheet

For ground use:

ITEM	TYPICAL DATE
Viscosity grade	10
Appearance	Red transparent liquid
Kinematic viscosity(50°C),mm²/s	11.04
Flash point (open),°C	160
Condensation	-53
Mechanical impurities,%	No
Water-soluble acids or bases	No
Liquid phase corrosion (24h, distilled water)	Qualified
Copper Corrosion, Grade	1a
Demulsification performance(54°C),min	10
The physical property values above are typical of normal production and may vary	

Technical Specifications

- Acquire Q/SHZT 215-2021 Certification

Packing Specification

18L,5 Gallon,200L,208L,55 Gallon

Model Number

10#



L-HS EXTREME-LOW TEMPERATURE HYDRAULIC OIL

Characteristics

This product is made of highly refined high viscosity index base oil and selected high-performance additives in an advanced blending process.

Application

This product is suitable for medium and high pressure hydraulic systems in open air, cold area and environment with large temperature changes or harsh working conditions, such as construction machinery, construction machinery, mining machinery, oilfield machinery, ships and vehicles.

Advantage

- Excellent high and low temperature performance, providing excellent low temperature starting performance, low temperature flow performance and high temperature protection, effectively extending the service life of oil products
- Excellent viscosity and temperature performance, shear stability, oxidation stability, small viscosity change, make the hydraulic system work more stable
- Excellent anti-wear and anti-rust, anti-corrosion properties for hydraulic equipment to provide effective protection;
- Excellent rubber adaptability, effective protection of sealing materials, prevent leakage
- Excellent hydrolysis stability, foam resistance, air release and emulsion resistance.

Technical Data Sheet

ITEM	TYPICAL DATE				
Viscosity grade	10	15	22	32	46
Kinematic viscosity(40°C),mm²/s	10.14	14.56	20.94	29.74	45.47
Viscosity index	138	140	145	148	144
Flash point (open),°C	170	180	180	185	205
Pour point,°C	-54	-51	-49	-49	-39
Moisture	trail	trail	trail	trail	trail
The physical property values above are typical of normal production and may vary					

Technical Specifications

- Conform to GB11118.1-2011(L-HS)standards
- Achieved Parker-Denison Parker-Denison HF-0 certification

Packing Specification

18L,5 Gallon,200L,208L,55 Gallon

Model Number

HS 10#,L-HS 15#,L-HS 22#.L-HS 32#,L-HS 46#



L-CKC MEDIUM LOAD GEAR OIL

Characteristics

This product uses highly refined high viscosity index base oil and selected high-performance additives to It is produced by the advanced blending process.

Application

This product is suitable for lubricating closed industrial wheel oil with the contact stress of the vehicle surface less than 1100MPa. Lubricating, especially suitable for various types of reducers and circulating lubrication systems with light to medium loads, such as metallurgy,Cement, electric mine, rubber, chemical fertilizer, coal and other closed wheel drive systems.

Advantage

- Good extreme pressure bearing capacity;
- Effectively reduce running noise and ensure smooth operation of wheels;
- Good oxidation resistance, can reduce the generation of various harmful oxides and sludge;
- Good anti-rust performance.

Technical Data Sheet

ITEM	TYPICAL DATE					
Viscosity grade	100	150	220	320	460	680
Kinematic viscosity(40°C),mm²/s	102.14	155.30	223.41	317.63	455.79	681.40
Viscosity index	93	94	92	95	97	95
Flash point (open),°C	224	228	234	244	246	252
Pour point,°C	-15	-12	-12	-12	-12	-12
Moisture	Trace	Trace	Trace	Trace	Trace	Trace
The physical property values above are typical of normal production and may vary						

Packing Specification

18L,5 Gallon,200L,208L,55 Gallon

Model Number

68#,100#,150#,220#,320#,460#,680#



L-CKD HEAVY LOAD GEAR OIL

Characteristics

This product uses highly refined high viscosity index base oil and selected high-performance additives to It is produced by the advanced blending process.

Application

This product is suitable for the lubrication of closed industrial wheel oil with contact stress greater than 1100MPa. Especially suitable for heavy loads with high oil temperature and repeated impact loads, requiring excellent anti-emulsification performance Low and medium speed closed industrial wheels, such as metallurgy, cement, power mines, rubber and plastics, chemical fertilizers, coal and other closed wheel drive system.

Advantage

- Good bearing capacity ensures the smooth operation of the wheels, reduces surface abrasions, and effectively reduces running noise;
- Under the working conditions of heavy load or impact load, it can reduce the abrasion of the surface of the car;
- Good oil-water separation ability and anti-foaming property;
- Good anti-rust performance.

Technical Data Sheet

ITEM	TYPICAL DATE					
Viscosity grade	100	150	220	320	460	680
Kinematic viscosity(40°C),mm²/s	100.45	153.32	217.77	315.09	456.63	670.82
Viscosity index	93	94	92	95	97	94
Flash point (open),°C	224	228	234	244	246	252
Pour point,°C	-15	-12	-12	-12	-12	-12
Moisture	Trace	Trace	Trace	Trace	Trace	Trace
The physical property values above are typical of normal production and may vary						

Packing Specification

18L,5 Gallon,200L,208L,55 Gallon

Model Number

68#,100#,150#,220#,320#,460#,680#



L-CKM OPEN GEAR OIL

Characteristics

This product uses highly refined high viscosity index base oil and selected high-performance additives to It is produced by the advanced blending process.

Application

This product is mainly suitable for the opening of large equipment in metallurgy, mining, chemical industry, building materials and other industries.It is also used for the lubrication of other heavy-duty sprockets and wire ropes.

Advantage

- Excellent bearing capacity to ensure the smooth operation of the wheels and reduce scratches on the wheels;
- Designed according to the characteristics of open wheel oil, with good adhesion and not easy to drip;
- Waterproof, dustproof, rustproof, good fluidity, easy to fully lubricate the surface of the wheel, and prevent metal gluing and scratching;
- It is a non-solvent type, non-asphalt type product, does not contain heavy metals and chlorine, reduces operational toxicity, and meets today's environmental protection requirements.

Technical Data Sheet

ITEM	TYPICAL DATE				
Viscosity grade	68	100	150	220	320
Kinematic viscosity(40°C),mm²/s	66.93	101.11	147.92	215.40	314.76
Viscosity index	93	94	92	95	97
Flash point (open),°C	220	230	236	238	240
Corrosion test (45 steel plate,100°C 3h)	Qualified	Qualified	Qualified	Qualified	Qualified
Liquid phase corrosion test (distilled water)	Rustless	Rustless	Rustless	Rustless	Rustless
Maximum non- card bite load (PB),N	686	686	686	686	686
The physical property values above are typical of normal production and may vary					

Packing Specification

18L,5 Gallon,200L,208L,55 Gallon

Model Number

68#,100#,150#,220#,320#



FULLY SYNTHETIC GEAR OIL

Characteristics

This product is prepared by adding various functional additives such as extreme pressure and anti-wear based on fully synthetic oil.

Application

It is suitable for all kinds of heavy duty gear sets and other gears which can easily cause vibration load, as well as for circulatory system and sputtering lubrication system.

Advantage

- Unique micropitting resistance;
- Extremely high load-bearing anti-wear properties and excellent high-temperature performance;
- Excellent corrosion and rust resistance ability, water separation characteristics;
- Good low temperature performance.

Technical Data Sheet

ITEM	TYPICAL DATE			TEST METHOD
Viscosity grade	150	220	320	/
Kinematic viscosity(40°C),mm²/s	217.77	315.09	456.63	GB/T265
Viscosity index>	160	163	163	GB/T2541
Flash point (open),°C>	240	240	242	GB/T3536
Pour point,°C<	-12	-12	-12	GB/T3535
Water,%<	Trace	Trace	Trace	GB/T260
Mechanical impurity(m/m)%<	0.25	0.25	0.25	GB/T511
Corrosion test (copper sheet, 100°C, 3h)	1	1	1	GB/T5069

The physical property values above are typical of normal production and may vary

Packing Specification

18L,5 Gallon,200L,208L,55 Gallon

Model Number

150#,220#,330#



HIGH TEMPERATURE CHAIN OIL

Characteristics

This product is made from high quality synthetic oil (semi-synthetic) as the base oil, with additives such as anti-oxidant, anti-wear and anti-corrosion, and is produced by advanced blending technology.

Application

This product is suitable for the lubrication of high-temperature chain drive systems in the textile printing and dyeing industry, such as domestic and imported heat setting machines, stretching and stentering machines, printing and setting machines, etc.

It is also suitable for the lubrication of high-temperature chain drive systems in the building materials industry, such as high-temperature drying rooms, automobile and other paint drying rooms, spraying line dry boxes, etc. FL-1 is a semi-synthetic type with a temperature range of room temperature to 150°C, FL-2 is a fully synthetic type with a temperature range of -40 to 250°C.

Advantage

- Excellent resistance to oxidation and high temperature stability;
- Excellent lubrication and anti-wear properties to withstand heavy loads;
- Excellent adhesion to temperature, easy to start the machine at low temperatures;
- Less volatile, effective in saving lubricating oil material, not polluting the environment and improving working conditions.

Technical Data Sheet

ITEM	TYPICAL DATE	
	FL-1	FL-2
Kinematic viscosity(40°C),mm²/s	26.80	26.74
Viscosity index	111	142
Flash point (open),°C	238	275
Pour point,°C	-30	-51
Noack evaporation(250°C,1h)%	4.2	2.0
The physical property values above are typical of normal production and may vary		

Packing Specification

18L,5 Gallon,200L,208L,55 Gallon

Model Number

FL-1,FL-2



L-QB HEAT TRANSFER OIL

Characteristics

This product is made of narrow-fraction hydrogenated mineral base oil, selected high-temperature anti-oxidation, clean and dispersible, anti-rust and other additives, and produced by advanced blending technology.Comply with GB23971-2009 standard.

Application

This product is mainly suitable for various types of indirect heat transfer systems.

Advantage

- Excellent cleansing and dispersing properties, effectively preventing scorching;
- Good high temperature thermal stability and oxidation stability;
- Excellent low temperature fluidity;
- Good thermal conductivity.

Typical data

ITEM	QUALITY INDEX						
	QB		QC		QD		
Maximum allowable service temperature	280	300	310	320	330	340	350
Kinematic viscosity(40℃) ,mm²/s	≤40						
Flash point (closed),℃	≥ 100						
Pour point,℃	≤-9						
Note: In actual use, the maximum operating temperature shall be at least 10℃ lower than the maximum allowable operating temperature. The maximum allowable liquid film temperature of L-QB and L-QC is the maximum allowable operating temperature plus 20℃, and the maximum allowable liquid film temperature of L-QD is the maximum allowable operating temperature plus 30℃							

Technical Specifications

PRODUCT VARIETY	L-QB		L-QC		L-QD
Type of product	Refined mineral oil type	Common synthetic type	Refined mineral oil type	Common synthetic type	Synthetic type with special high thermal stability
Usage status	liquid phase	Liquid phase or gas phase/ liquid phase	liquid phase	Liquid phase or gas phase/ liquid phase	Liquid phase or gas phase/ liquid phase
Applicable heat transfersystem type	Closed or open		Closed		Closed
Product code	L-QB280 、L-QB300		L-QC310 、L-QC320		L-QD330、L-QD340 、L-QD350

Packing Specification

18L,5 Gallon,200L,208L,55 Gallon

Model Number

L-QB 280, L-QB 300



L-QC HEAT TRANSFER OIL

Characteristics

This product is made of narrow-fraction hydrogenated mineral base oil, selected high-temperature anti-oxidation, clean and dispersible, anti-rust and other additives, and produced by advanced blending technology.Comply with GB23971-2009 standard.

Application

This product is mainly suitable for various types of indirect heat transfer systems.

Advantage

- Excellent cleansing and dispersing properties, effectively preventing scorching;
- Good high temperature thermal stability and oxidation stability;
- Excellent low temperature fluidity;
- Good thermal conductivity.

Typical data

ITEM	QUALITY INDEX						
	QB		QC		QD		
Maximum allowable service temperature	280	300	310	320	330	340	350
Kinematic viscosity(40℃) ,mm²/s	≤40						
Flash point (closed),℃	≥ 100						
Pour point,℃	≤-9						
Note: In actual use, the maximum operating temperature shall be at least 10℃ lower than the maximum allowable operating temperature. The maximum allowable liquid film temperature of L-QB and L-QC is the maximum allowable operating temperature plus 20℃, and the maximum allowable liquid film temperature of L-QD is the maximum allowable operating temperature plus 30℃							

Technical Data Sheet

PRODUCT VARIETY	L-QB		L-QC		L-QD
Type of product	Refined mineral oil type	Common synthetic type	Refined mineral oil type	Common synthetic type	Synthetic type with special high thermal stability
Usage status	liquid phase	Liquid phase or gas phase/ liquid phase	liquid phase	Liquid phase or gas phase/ liquid phase	Liquid phase or gas phase/ liquid phase
Applicable heat transfersystem type	Closed or open		Closed		Closed
Product code	L-QB280 、L-QB300		L-QC310 、L-QC320		L-QD330、L-QD340 、L-QD350

Packing Specification

18L,5 Gallon,200L,208L,55 Gallon

Model Number

L-QC 310 ,L-QC 320



L-QD HEAT TRANSFER OIL

Characteristics

This product is made of narrow-fraction hydrogenated mineral base oil, selected high-temperature anti-oxidation, clean and dispersible, anti-rust and other additives, and produced by advanced blending technology. Comply with GB23971-2009 standard.

Application

This product is mainly suitable for various types of indirect heat transfer systems.

Advantage

- Excellent cleansing and dispersing properties, effectively preventing scorching;
- Good high temperature thermal stability and oxidation stability;
- Excellent low temperature fluidity;
- Good thermal conductivity.

Typical data

ITEM	QUALITY INDEX						
	QB		QC		QD		
Maximum allowable service temperature	280	300	310	320	330	340	350
Kinematic viscosity(40°C),mm²/s	≤40						
Flash point (closed),°C	≥ 100						
Pour point,°C	≤-9						

Note: In actual use, the maximum operating temperature shall be at least 10°C lower than the maximum allowable operating temperature. The maximum allowable liquid film temperature of L-QB and L-QC is the maximum allowable operating temperature plus 20°C, and the maximum allowable liquid film temperature of L-QD is the maximum allowable operating temperature plus 30°C

Technical Specifications

PRODUCT VARIETY	L-QB		L-QC		L-QD
Type of product	Refined mineral oil type	Common synthetic type	Refined mineral oil type	Common synthetic type	Synthetic type with special high thermal stability
Usage status	liquid phase	Liquid phase or gas phase/ liquid phase	liquid phase	Liquid phase or gas phase/ liquid phase	Liquid phase or gas phase/ liquid phase
Applicable heat transfersystem type	Closed or open		Closed		Closed
Product code	L-QB280、L-QB300		L-QC310、L-QC320		L-QD330、L-QD340、L-QD350

Packing Specification

18L,5 Gallon,200L,208L,55 Gallon

Model Number

L-QD 330, L-QD 340,L-QD 350



L-DAJ FULLY-SYNTHETIC SCREW COMPRESSOR OIL

Characteristics

This product is produced with a synthetic base oil and selected high-performance additives by advanced blending process.

Application

This product is suitable for the lubrication of small, medium and large single-stage or multi-stage reciprocating and rotary air compressors (screw and vane) used in steel, cement, chemical, machinery, electronics and other industries.

No. 32 - No. 68 oil is mainly suitable for low and medium pressure rotary compressors, and also suitable for medium and small reciprocating compressors;

No. 100 is mainly suitable for medium and high pressure reciprocating compressors and large rotary compressors.

Operating temperature range: rotary compressor -40°C~110°C, reciprocating compressor -35°C~200°C, could reach 220°C in short-term.

Advantage

- Excellent thermal oxidation stability;
- Good material adaptability;
- Excellent thermal conductivity;
- Excellent anti-coking and carbon deposition performance at high temperature;
- Excellent high and low temperature performance;
- Good lubricity, protects the compressor and reduces wear;
- Excellent comprehensive performance, the working life is as long as 4000-8000 hours.

Technical Data Sheet

ITEM	TYPICAL DATE			
Viscosity grade	32	46	68	100
Kinematic viscosity(40°C),mm²/s	30.17	44.61	64.72	95.58
Flash point (open),°C	224	230	238	245
Pour point,°C	-48	-40	-40	-40
Anti-emulsification properties, min	4.0	5.0	5.5	6.0
Corrosion test (copper sheet, 100°C, 3h)	1b	1b	1b	1b
Liquid phase corrosion Test	No rust	No rust	No rust	No rust
The physical property values above are typical of normal production and may vary				

Packing Specification

18L,5 Gallon,200L,208L,55 Gallon

Model Number

32#,46#,68#,100#



L-DAG LIGHT LOAD ROTARY COMPRESSOR OIL

Characteristics

This product is made of highly refined high viscosity index base oil and selected high performance additives. It is produced by advanced blending process.

Application

This product is suitable for the lubrication of light-duty oil-injected and internally cooled rotary (screw and vane) air compressors with discharge pressure <0.8mPa and discharge temperature <100°C.

Advantage

- Good oxidation resistance, low coking tendency;
- Good anti-wear performance, preventing abnormal wear on the surface of compressor components;
- Good anti-rust and anti-corrosion properties to prevent corrosion of compressor parts;
- Good water separability, so that the moisture condensed in the oil in the air can be separated quickly.

Technical Data Sheet

ITEM	TYPICAL DATE				
Viscosity grade	22	32	46	68	100
Kinematic viscosity(40°C),mm²/s	20.74	31.09	45.21	65.93	97.84
Viscosity index	97	96	94	95	96
Pour point,°C	-24	-21	-21	-18	-18
Flash point (open),°C	195	210	224	230	238
Corrosion test(copper sheet, 100°C, 3h)	1b	1b	1b	1b	1b
Liquid phase corrosion Test	No rust	No rust	No rust	No rust	No rust
The physical property values above are typical of normal production and may vary					

Packing Specification

18L,5 Gallon,200L,208L,55 Gallon

Model Number

22#,32#,46#,68#,100#



L-DAB MEDIUM-LOAD AIR COMPRESSOR OIL

Characteristics

This product is made of highly refined high viscosity index base oil and selected high performance additives. It is produced by advanced blending process.

Application

This product is suitable for the lubrication of reciprocating air compressors, discharge pressure ≤ 1mPa, discharge temperature 160°C or exhaust pressure >1mPa, 140°C < exhaust temperature ≤ 160°C or stage pressure ratio > 3:1 and other medium load conditions.

Advantage

- Good oxidation resistance, high flash point, low coking tendency;
- Good anti-wear performance, reduce wear;
- Good anti-rust and anti-corrosion properties, preventing corrosion and corrosion of cylinders and exhaust valves.

Technical Data Sheet

ITEM	TYPICAL DATE				
Viscosity grade	32	46	68	100	150
Kinematic viscosity(40°C),mm²/s	31.04	45.21	68.79	99.01	147.62
Pour point,°C	-15	-15	-15	-15	-9
Flash point (open),°C	210	224	230	232	240
Corrosion test (copper sheet, 100°C, 3h)	1b	1b	1b	1b	1b
Liquid phase corrosion Test	No rust	No rust	No rust	No rust	No rust
The physical property values above are typical of normal production and may vary					

Packing Specification

18L,5 Gallon,200L,208L,55 Gallon

Model Number

32#,46#,68#,100#,150#



L-TSA TURBINE OIL

Characteristics

This product uses high-quality base oil to add various additives such as anti-oxidation, anti-corrosion and anti-wear, to advanced It is produced by the blending process.

Application

This product is suitable for steam turbines, water turbines, gas turbines and gas-steam combined cycle turbines with a common lubrication system, also suitable for Lubrication of turbine drive systems for other industrial or marine applications.

Advantage

- Good water separation performance, can quickly and completely separate the water entering the system due to various reasons;
- Excellent oxidation stability, effectively prolonging the service life;
- Excellent anti-foam and air release performance, effectively reducing pump cavitation;
- Excellent anti-rust and anti-corrosion properties, preventing equipment from rusting.

Technical Data Sheet

ITEM	TYPICAL DATE		
Viscosity grade	32	46	68
Kinematic viscosity(40°C),mm²/s	32.14	45.53	66.9
Viscosity index	105	98	95
Flash point(open) °C	218	224	236
Pour point °C	-24	-21	-18
Corrosion test(copper sheet, 100°C, 3h)	1b	1b	1b
Anti-emulsification (54 °C, the time for the emulsion to reach 3ml) /min	4.2	4.2	5.0
The physical property values above are typical of normal production and may vary			

Packing Specification

18L,5 Gallon,200L,208L,55 Gallon

Model Number

32#,46#,68#



AUTOMOTIVE MULTI-PURPOSE LITHIUM GREASE

Characteristics

This product is made of highly refined mineral base oil thickened with fatty acid metal soap, and added with anti-oxidation, anti-rust, extreme pressure and anti-wear additives through a special process.

Application

This product is suitable for the lubrication of friction parts such as various automobile hubs, chassis, motors, water pumps, etc,and is widely used in the lubrication of rolling bearings, sliding bearings and other friction parts.
Operating temperature range:-30~120°C

Advantage

- Good mechanical stability;
- Good oxidation stability;
- Good water resistance and corrosion resistance.

Technical Data Sheet

ITEM	QUALITY INDEX	TESTING METHOD
Appearance	Red smooth ointment	Visual inspection
Working penetration,0.1mm	220~250	GB/T269
Drop point,°C≥	180	GB/T4929
Steel mesh oil separation (100°C, 30h) /%≤	5	SH/T0324
Copper sheet corrosion (T2 copper sheet, 100°C, 24h)	Copper sheet without green or black change	GB/T7326 (B method)
Evaporation (99°C, 22h)/%≤	2	SH/T0324
Water loss (38°C, 1h) /%≤	10	SH/T0109
Extended working cone penetration, 100,000 times, rate of change≤	20	GB/T269
Mechanical impurities, piece/cm³ over 10µm≤	5000	SH/T0336
over 25µm≤	3000	SH/T0336
over 75µm≤	500	SH/T0336
over 125µm≤	0	SH/T0336
Leakage (104°C, 6h)≤	5	SH/T0326
Oxidation stability (100°C, 100h, 0.77MPa) pressure MPa≤	0.070	SH/T0325
Similar viscosity (-20°C, 10s⁻¹)	1500	SH/T0048
Corrosion resistance (52°C, 48h)	Qualified	GB/T5018

Packing Specification

320g, 400g, 500g, 1kg, 2kg, 5kg, 12kg, 15kg, 170kg,180kg

Model Number

2#,3#



CONSTRUCTION MACHINERY GREASE

Characteristics

This product is refined from high fatty acid soap thickened mineral oil. It is a multi-effect, long-life grease. It is developed according to the characteristics of heavy machinery load and long working time, and has experienced many anti-wear, high temperature and water resistance experiments, with high efficiency and excellent stability.

Application

This product is suitable for all kinds of imported and domestic heavy construction machinery and vehicles, such as excavators, bulldozers, road rollers, scrapers, forklifts, dump trucks, mixers, overweight machines, pavers, etc.
Operating temperature range: -30℃~130℃

Advantage

- Strong water resistance;
- Good water and rust resistance;
- Excellent adhesion.

Technical Data Sheet

ITEM	QUALITY INDEX		TESTING METHOD
	2#	3#	
Appearance	Yellow smooth uniform ointment		Visual
Working penetration, 0.1mm	265~295	220-250	GB/T269
Drop point, °C≥	130	130	GB/T3498
Steel mesh oil separation (100°C, 30h)/%≤	5	5	SH/T0324
Evaporation (99°C, 22h) /%≤	2	2	SH/T0337
Water washout (38°C, 1h) /%≤	8	8	SH/T0109
Oxidation stability (100°C, 100h, 0.77MPa) Pressure drop MPa≤	0.070	0.070	SH/T0325
Similar viscosity (-10°C, 10s ⁻¹) ≤	1200	1200	SH/T0048
Corrosion resistance (52°C, 48h)	Qualified	Qualified	GB/T5018

Packing Specification

320g, 400g, 500g, 1kg, 2kg, 5kg, 12kg, 15kg, 170kg,180kg

Model Number

2#,3#



SPECIAL LOW TEMPERATURE GREASE

Characteristics

This product is a low-temperature grease refined with semi-synthetic oil thickened with organic thickening agents and refined with a variety of additives such as anti-oxidants and rust inhibitors.

Application

This product is suitable for the lubrication of glass lifters and other general machinery in severe cold conditions.
Operating temperature range: -60℃~140℃

Advantage

- Good low temperature properties;
- Good rust resistance and protection;
- Good colloidal and mechanical stability.

Technical Data Sheet

ITEM	QUALITY INDEX	TESTING METHOD
Appearance	Light yellow smooth ointment	Visual
Working penetration, 0.1mm	275	GB/T269
Drop point, °C	250	GB/T3498
Corrosion(T2 copper,100°C,30h)	No green or black changing	GB/T7326
Oxidation stability	0.030	SH/T0325
Similar viscosity	800	SH/T0048
Steel wire mesh oil separation	1.0	SH/T0324
Corrosion resistance(52°C,48h)	Qualified	GB/T5018
The physical property values above are typical of normal production and may vary		

Packing Specification

320g, 400g, 500g, 1kg, 2kg, 5kg, 12kg, 15kg, 170kg,180kg



FT108 LITHIUM BASE GREASE

Characteristics

This product is made of hydroxy fatty acid lithium soap thickened refined mineral oil, adding anti-oxidation, anti-rust and other additives.

Application

It is widely used in the lubrication of rolling bearings, sliding bearings and other friction parts of large and medium-sized electric motors, mineral machinery, textile machinery, automobiles, tractors and other mechanical equipment.

Operating temperature range: -30°C~130°C

Advantage

- Excellent extreme pressure and anti-wear properties;
- Good oxidation stability;
- Excellent water resistance performance;
- Good corrosion resistance.

Technical Data Sheet

ITEM	QUALITY INDEX			TESTING METHOD
	1#	2#	3#	
Appearance	Yellow smooth uniform ointment			Visual
Working penetration, 0.1mm	310-340	265-295	220-250	GB/T269
Drop point, °C≥	145	150	155	GB/T4929
Mechanical impurities, piece/cm³ over 10µm≤	5000			SH/T0336
				SH/T0336
				SH/T0336
				SH/T0336
Oxidation stability (100°C, 100h, 0.77MPa) pressure MPa≤	0.070	0.070	0.070	SH/T0325
Steel wire mesh oil separation (100°C, 30h) /%≤	5	5	5	SH/T0324
Evaporation (99°C, 22h) /%≤	2	2	2	SH/T0337
Water washout (38°C, 1h) /%≤	8	8	8	SH/T0109
Corrosion resistance (52°C, 48h)	1	1	1	GB/T5018
The physical property values above are typical of normal production and may vary				

Packing Specification

320g, 400g, 500g, 1kg, 2kg, 5kg, 12kg, 15kg, 170kg, 180kg

Model Number

1#, 2#, 3#



FT109 LUBRICATING GREASE

Characteristics

This product is made of refined mineral oil thickened with hydroxy fatty acid calcium soap and added with anti-oxidation, anti-rust and other additives.

Application

It is widely used in the lubrication of rolling bearings, sliding bearings and other friction parts of mineral machinery, textile machinery, automobiles, tractors and other mechanical equipment.

Operating temperature range: -20~85°C

Advantage

- Excellent extreme pressure and anti-wear properties;
- Good oxidation stability;
- Good water resistance and corrosion resistance.

Technical Data Sheet

ITEM	QUALITY INDEX			TESTING METHOD
	1#	2#	3#	
Appearance	Yellow smooth uniform ointment			Visual
Working penetration, 0.1mm	310-340	265-295	220-250	GB/T269
Drop point, °C≥	120	125	130	GB/T4929
Mechanical impurities, piece/cm³ over 10µm≤	5000			SH/T0336
				SH/T0336
				SH/T0336
Oxidation stability (100°C, 100h, 0.77MPa) pressure MPa≤	0.070	0.070	0.070	SH/T0325
Steel wire mesh oil separation (100°C, 30h) /%≤	5	5	5	SH/T0324
Evaporation (99°C, 22h) /%≤	2	2	2	SH/T0337
Water washout (38°C, 1h) /%≤	8	8	8	SH/T0109
Corrosion resistance (52°C, 48h)	1	1	1	GB/T5018

Packing Specification

320g, 400g, 500g, 1kg, 2kg, 5kg, 12kg, 15kg, 170kg, 180kg

Model Number

2#, 3#



HEAVY DUTY VEHICLE HUB GREASE

Characteristics

This product is made of a multi-component complex soap thickened with high-viscosity high-quality base oil, and is added with a variety of advanced additives.

Application

This product is specially used as special lubricating grease for wheel hub bearings of large and medium-sized heavy-duty vehicles and high-speed passenger vehicles (such as Steyr, Dongfeng, Jiefang, Jianghuai, Ankai, etc.) under harsh working environments. It is also suitable for high temperature, heavy load, Other mechanical bearings in special working environments such as wet water. It has a wide range of uses, especially for heavy-duty vehicles and high-speed passenger cars, but it is also widely applicable to the lubrication of other mechanical equipment.

Operating temperature range: -30~200℃

Advantage

- Outstanding high temperature resistance, drop point is not less than 300℃, can be used in high temperature environment for a long time;
- The use of imported environmental protection extreme pressure anti-wear agent can fully meet the safety and normal use of wheel bearings in overload, high speed, large tonnage and long time continuous driving;
- Excellent antioxidant, anti-rust additives and outstanding mechanical stability of this product make it have a long service life.

Technical Data Sheet

ITEM	QUALITY INDEX		TESTING METHOD
	2#	3#	
Working penetration, 0.1mm	265-295	220-250	GB/T269
Drop point, °C≥	280	280	GB/T3498
Steel mesh oil separation (100°C, 30h)/%≤	3	3	SH/T0324
Evaporation (99°C, 22h) /%≤	5	5	SH/T0337
Water washout (38°C, 1h) /%≤	10	10	SH/T0109
Extended work penetration, 100000 times, difference, 0.1, mm≤	38	40	GB/T269
Leakage (104°C, 6h)≤	2.5	2.5	SH/T0326
Similar viscosity (-10°C, 10s ⁻¹) ≤	1200	1200	SH/T0048
Corrosion resistance (52°C, 48h)	Qualified	Qualified	GB/T5018

Packing Specification

320g, 400g, 500g, 1kg, 2kg, 5kg, 12kg, 15kg, 170kg,180kg

Model Number

2#,3#



MULTI-PURPOSE LITHIUM GREASE

Characteristics

This product is made of high-grade mineral oil thickened with fatty acid metal soap thickener and added extreme pressure anti-wear, anti-rust and other additives. It is a multi-effect long-life grease.

Application

This product is suitable for the lubrication of friction parts such as various automobile hubs, chassis, motors, water pumps, etc., and is widely used for the lubrication of rolling bearings, sliding bearings and other friction parts.

Operating temperature range:-20℃~120℃

Advantage

- Good mechanical stability;
- Good oxidation stability;
- Excellent water resistance, anti-rust performance;
- Good adhesive properties.

Technical Data Sheet

ITEM	QUALITY INDEX			TESTING METHOD
	1#	2#	3#	
Appearance	Yellow smooth uniform ointment			Visual
Working penetration, 0.1mm	310-340	265-295	220-250	GB/T269
Drop point, °C≥	170	175	180	GB/T4929
Mechanical impurities, piece/cm ³ over 10μm≤	2000	5000	5000	SH/T0336
	1000	3000	3000	SH/T0336
	200	500	500	SH/T0336
	0	0	0	SH/T0336
Oxidation stability (100°C, 100h, 0.77MPa) pressure MPa≤	0.070	0.070	0.070	SH/T0325
Steel wire mesh oil separation (100°C, 30h) /%≤	10	5	5	SH/T0324
Evaporation (99°C, 22h) /%≤	2	2	2	SH/T0337
Water washout (38°C, 1h) /%≤	10	8	8	SH/T0109
Similar viscosity(-15°C, 10s ⁻¹) /Pa·s≤	800	1000	1300	SH/T0048
Extended working penetration (100000 times)/0.1mm≤	380	350	320	GB/T269
Corrosion resistance (52°C,48h)	Qualified	Qualified	Qualified	GB/T5018
The physical property values above are typical of normal production and may vary				

Packing Specification

320g, 400g, 500g, 1kg, 2kg, 5kg, 12kg, 15kg, 170kg,180kg

Model Number

1#,2#,3#



SEMI-FLUID LITHIUM GREASE

Characteristics

This product is made of refined mineral oil thickened with hydroxy fatty acid lithium soap and added with special additives.

Application

It is widely used in various gearboxes and reducers of metallurgy, mining, energy, transportation, and construction machinery. It is also suitable for centralized lubrication systems of large-scale units. Compared with ordinary gear oils, it can reduce leakage, prolong oil change intervals, and improve environmental sanitation.
Operating temperature range: -20°C~120°C

Advantage

- Good colloidal stability;
- Excellent mechanical stability;
- Good Oxidation stability;
- Good extreme pressure performance and pumpability.

Technical Data Sheet

ITEM	QUALITY INDEX			TESTING METHOD
	1#	2#	3#	
Appearance	Yellow smooth uniform ointment			Visual
Working penetration, 0.1mm	445-475	400-430	355-385	GB/T269
Drop point, °C≥	130	135	140	GB/T4929
Mechanical impurities, piece/cm³ over 10µm≤	5000	5000	5000	SH/T0336
	over 25µm≤	3000	3000	SH/T0336
	over 75µm≤	500	500	SH/T0336
Oxidation stability (100°C, 100h, 0.77MPa) pressure MPa≤	0.070	0.070	0.070	SH/T0325
Steel wire mesh oil separation (100°C, 30h) /%≤	10	5	5	SH/T0324
Evaporation (99°C, 22h) /%≤	2	2	2	SH/T0337
Water washout (38°C, 1h) /%≤	8	8	8	SH/T0109
Similar viscosity(-15°C, 10s ⁻¹) /Pa·s≤	700	800	900	SH/T0048
Corrosion resistance (52°C, 48h)	Qualified	Qualified	Qualified	GB/T5018
The physical property values above are typical of normal production and may vary				

Packing Specification

320g, 400g, 500g, 1kg, 2kg, 5kg, 12kg, 15kg, 170kg, 180kg

Model Number

000#, 00#, 0#



MOLYBDENUM DISULFIDE LITHIUM GREASE

Characteristics

This product is a lithium-based lubricating grease with additives such as molybdenum disulfide, and additives such as anti-oxidation and anti-rust, and is manufactured by a special process.

Application

It is widely used in the high temperature, humidity and heavy load of large equipment in metallurgical industry and chemical industry centralized lubrication system.
Operating temperature range: -20°C~120°C

Advantage

- Outstanding Extreme pressure and anti-wear performance;
- High temperature resistance.

Technical Data Sheet

ITEM	QUALITY INDEX				TESTING METHOD
	0#	1#	2#	3#	
Appearance	Black smooth uniform ointment				Visual
Working penetration, 0.1mm	310-340	310-340	265-295	220-250	GB/T269
Drop point, °C≥	170	170	175	175	GB/T4929
Oxidation stability (100°C, 100h, 0.77MPa) pressure MPa≤	0.070	0.070	0.070	0.070	SH/T0325
Steel wire mesh oil separation (100°C, 30h) /%≤	5	5	5	5	SH/T0324
Evaporation (99°C, 22h) /%≤	2	2	2	2	SH/T0337
Water washout (38°C, 1h) /%≤	-	10	10	10	SH/T0109
Similar viscosity(-15°C, 10s ⁻¹) /Pa·s≤	150	250	500	800	SH/T0048
Extended working penetration (100000 times) /0.1mm≤	380	380	350	320	GB/T269
Corrosion resistance (52°C, 48h)	Qualified	Qualified	Qualified	Qualified	GB/T5018
Extreme pressure (four-ball machine method) PB/N≤	588	588	588	588	SH/T0202
The physical property values above are typical of normal production and may vary					

Packing Specification

320g, 400g, 500g, 1kg, 2kg, 5kg, 12kg, 15kg, 170kg, 180kg

Model Number

0#, 1#, 2#, 3#



HP-2 BLUE HIGH TEMPERATURE GREASE

Characteristics

This product is made of refined mineral oil thickened by composite metal soap, with high efficiency extreme pressure anti-wear agent, anti-rust agent, antioxidant and so on.(Drop point ≥260℃)

Application

This product is suitable for large heavy-duty trucks, high-speed cars, metallurgy industry continuous casting machine, continuous rolling mill, sintering machine, steel rolling table, printing and dyeing, large motor, rubber, plastic hot rolling mill, cement industry, kiln car and other high-temperature, heavy load mechanical equipment friction parts lubrication.

Operating temperature range: -30℃~200℃

Advantage

- Excellent high temperature adhesion;
- Excellent extreme pressure and wear resistance;
- Good colloidal stability and mechanical stability;
- Good water resistance and protection.

Technical Data Sheet

ITEM	QUALITY INDEX	TESTING METHOD
Appearance	Blue uniform ointment	Visual
Working penetration, 0.1mm	220~250	GB/T269
Drop point,℃≥	260	GB/T3498
Corrosion (T2 copper sheet, 100℃, 24h)	Copper sheet without green or black change	GB/T7326 B method
Steel mesh oil separation (100℃, 24h) /%≤	3	SH/T0324
Evaporation (180℃ , 1h) /%≤	5	SH/T0337
Water washout (38℃, 1h) /%≤	10	SH/T0109
Leakage (104℃,6h)/g≤	2.5	SH/T0326
Corrosion resistance (52℃, 48h)	Qualified	GB/T5018

Packing Specification

320g, 400g, 500g, 1kg, 2kg, 5kg, 12kg, 15kg, 170kg,180kg

Model Number

3#



HP-X BLUE HIGH TEMPERATURE GREASE

Characteristics

This product is made of refined mineral oil thickened by composite metal soap, with high efficiency extreme pressure anti-wear agent, anti-rust agent, antioxidant and so on.(Drop point≥270℃)

Application

This product is suitable for large heavy-duty trucks, high-speed cars, metallurgy industry continuous casting machine, continuous rolling mill, sintering machine, steel rolling table, printing and dyeing, large motor, rubber, plastic hot rolling mill, cement industry, kiln car and other high-temperature, heavy load mechanical equipment friction parts lubrication.

Operating temperature range: -30℃~220℃

Advantage

- Excellent high temperature adhesion;
- Excellent extreme pressure and wear resistance;
- Good colloidal stability and mechanical stability;
- Good water resistance and protection.

Technical Data Sheet

ITEM	QUALITY INDEX	TESTING METHOD
Working penetration, 0.1mm	220~250	GB/T269
Drop point,℃≥	270	GB/T3498
Corrosion (T2 copper sheet, 100℃, 24h)	Copper sheet without green or black change	GB/T7326 B method
Steel mesh oil separation (100℃, 24h) /%≤	3	SH/T0324
Evaporation (180℃ , 1h) /%≤	5	SH/T0337
Water washout (38℃, 1h) /%≤	10	SH/T0109
Leakage (104℃,6h)/g≤	2.5	SH/T0326
Corrosion resistance (52℃, 48h)	Qualified	GB/T5018

Packing Specification

320g, 400g, 500g, 1kg, 2kg, 5kg, 12kg, 15kg, 170kg,180kg

Model Number

3#



HEP SPECIFIC BLUE HIGH TEMPERATURE GREASE

Characteristics

This product is made of refined mineral oil thickened by composite metal soap, with high efficiency extreme pressure anti-wear agent, anti-rust agent, antioxidant and so on.(Drop point ≥300℃)

Application

This product is suitable for large heavy-duty trucks, high-speed cars, metallurgy industry continuous casting machine, continuous rolling mill, sintering machine, steel rolling table, printing and dyeing, large motor, rubber, plastic hot rolling mill, cement industry, kiln car and other high-temperature, heavy load mechanical equipment friction parts lubrication.

Operating temperature range: -30~220℃

Advantage

- Excellent high temperature adhesion;
- Excellent extreme pressure and wear resistance;
- Good colloidal stability and mechanical stability;
- Good water resistance and protection.

Technical Data Sheet

ITEM	QUALITY INDEX	TESTING METHOD
Working penetration, 0.1mm	220~250	GB/T269
Drop point, °C≥	300	GB/T3498
Corrosion (T2 copper sheet, 100°C, 24h)	Copper sheet without green or black change	GB/T7326 B method
Steel mesh oil separation (100°C, 24h) /%≤	3	SH/T0324
Evaporation (180°C , 1h) /%≤	5	SH/T0337
Water washout (38°C, 1h) /%≤	8	SH/T0109
Leakage (104°C,6h)/g≤	2.5	SH/T0326
Corrosion resistance (52°C, 48h)	Qualified	GB/T5018
Similar viscosity (-10°C, 10S-1) , Pa.s≤	1200	SH/T0048

Packing Specification

320g, 400g, 500g, 1kg, 2kg, 5kg, 12kg, 15kg, 170kg,180kg

Model Number

3#



ULTRA-HIGH TEMPERATURE GREASE

Characteristics

This product is a synthetic grease made of superior synthetic oil thickened by inorganic thickener, added with a large number of solid lubricant and extreme-pressure additive and high temperature anti-oxidation additives.

Application

This product is mainly suitable for lubrication of bearings and friction parts of high-temperature, heavy-load equipment in cement, ceramics, glass, textile, metallurgy and other industries. For example, kiln car bearings, bearings and chains of baking equipment, and furnace door gears can also be used in drying machinery.

Operating temperature range:600℃

Advantage

- Good high and low temperature resistance;
- Good water ,rust and oxidation resistance;
- Good chemical agents resistance.

Technical Data Sheet

ITEM	QUALITY INDEX	TESTING METHOD
Appearance	Black smooth uniform ointment	Visual
Working penetration, 0.1mm	265-295	GB/T269
Drop point, °C≥	None	GB/T3498
Corrosion (T2 Copper sheet, 100°C, 30h)	Copper sheet without green or black change	GB/T7326 B method
Steel mesh oil separation (100°C, 24h) /%≤	1	SH/T0324
Corrosion resistance (52°C, 48h)	Qualified	GB/T5018
The physical property values above are typical of normal production and may vary		

Packing Specification

320g, 400g, 500g, 1kg, 2kg, 5kg, 12kg, 15kg, 170kg,180kg

Model Number

3#



EXTREME PRESSURE LITHIUM GREASE

Characteristics

This product is made of lithium 12-hydroxystearate soap thickened with high viscosity refined mineral oil and added with various with a variety of additives.

Application

This product is widely used in the high temperature, humidity and heavy load centralized lubrication system of large equipment in metallurgical industry and chemical industry.

Operating temperature range: -20℃~120℃

Advantage

- Good anti-wear performance;
- Good anti-rust and water resistance;
- Excellent anti-oxidant performance;
- Good pumping performance.

Technical Data Sheet

ITEM	QUALITY INDEX				TESTING METHOD
	0#	1#	2#	3#	
Appearance	Yellow smooth uniform ointment				Visual
Working penetration, 0.1mm	355-385	310-340	265-295	220-250	GB/T269
Drop point, °C≥	165	170	175	180	GB/T4929
Mechanical impurities, piece/cm³	≥25µm	3000	3000	3000	SH/T0336
	≥75µm	500	500	500	SH/T0336
	≥125µm	0	0	0	SH/T0336
Oxidation stability (100°C, 100h, 0.77MPa) pressure MPa≤	0.070	0.070	0.070	0.070	SH/T0325
Steel wire mesh oil separation (100°C, 24h) /%≤	-	10	5	5	SH/T0324
Evaporation (99°C, 22h) /%≤	2	2	2	2	SH/T0337
Water washout (38°C, 1h) /%≤	-	10	10	10	SH/T0109
Corrosion resistance (52°C, 48h)	Qualified	Qualified	Qualified	Qualified	GB/T5018
Extreme pressure (four-ball machine method) PB/N≥	588	588	588	588	SH/T0202
The physical property values above are typical of normal production and may vary					

Packing Specification

320g, 400g, 500g, 1kg, 2kg, 5kg, 12kg, 15kg, 170kg, 180kg

Model Number

0#, 1#, 2#, 3#



EXTREME PRESSURE LITHIUM COMPLEX GREASE

Characteristics

This product has burst high temperature performance as well as water resistance and protection. Applied to high temperature, low temperature and heavy load bearings, especially for humid and harsh environments and fully enclosed systems that require long-term lubrication or lifetime lubrication. Compared with ordinary composite lithium-based expansion, it has better anti-wear and extreme pressure performance.

Application

This product is suitable for the lubrication of various medium and heavy load balls, rollers, sliding bearings, gears of baking equipment, chain motorcycles and other transmission parts and couplings.

Operating temperature range: -30℃~220℃

Advantage

- Good mechanical stability;
- Good water and rust resistance;
- Good adhesion properties.

Technical Data Sheet

ITEM	QUALITY INDEX		TESTING METHOD
	2#	3#	
Appearance	Yellow smooth uniform ointment		Visual
Working penetration, 0.1mm	265-295	220-250	GB/T269
Drop point, °C≥	270	280	GB/T3498
Corrosion (T2 Copper, 100°C, 30h)	The copper sheet has no green or black change		GB/T7326
Extreme pressure (Four ball method) /N			
	PD ≥	3089	3089
	ZMZ ≥	441	441
Oxidation Stability (100°C, 100h, 0.77MPa) Pressure drop MPa≤	0.070	0.070	SH/T0325
Steel wire mesh oil separation (100°C, 24h) /%≤	3	3	SH/T0324
Evaporation Capacity (180°C, 1h) /%≤	5	5	SH/T0337
Water washout (38°C, 1h) /%≤	10	10	SH/T0109
Similar viscosity (-10°C, 10s ⁻¹) /Pa·s≤	1200	1200	SH/T0048
Extended working cone penetration (100000 times) /change rate%≤	20	20	GB/T269
The physical property values above are typical of normal production and may vary			

Packing Specification

320g, 400g, 500g, 1kg, 2kg, 5kg, 12kg, 15kg, 170kg, 180kg

Model Number

2#, 3#



EXTREME PRESSURE ALUMINIUM COMPLEX GREAS

Characteristics

This product has good anti-wear, anti-rust, anti-water, anti-oxidation and pumping properties.

Application

Suitable for high load mechanical equipment and centralized lubrication system.
Operating temperature: -20°C~160°C

Advantage

- Good mechanical stability;
- Good water and rust resistance;
- Good adhesion properties.

Technical Data Sheet

ITEM	QUALITY INDEX			TESTING METHOD
	0#	1#	2#	
Working penetration, 0.1mm	355~385	310~340	265~295	GB/T269
Drop point, °C≥	235	240	240	GB/T3498
Corrosion(T2 copper sheet,100°C,24h)	Copper sheet no green or black			GB/T7326
Mechanical impurities, piece/cm³ over 25µm≤	3000	3000	3000	SH/T0336
over 75µm≤	500	500	500	SH/T0336
over 125µm≤	0	0	0	SH/T0336
Oxidation stability (100°C, 100h, 0.77MPa) Pressure drop MPa≤	0.070	0.070	0.070	SH/T0325
Stencil oil separation (100°C, 24h) /%≤	-	10	5	SH/T0324
Evaporation (99°C, 22h) /%≤	1	1	1	SH/T0337
Water Loss (38°C, 1h) /%≤	-	10	10	SH/T0109
Similar viscosity(-15°C, 10s ⁻¹) /Pa·s≤	250	300	550	SH/T0048
Extended working penetration (100000 times) /0.1mm≤	10	13	15	GB/T269
Corrosion resistance (52°C, 48h) ≤	2	2	2	GB/T5018
Extreme pressure (Timken method) OK number/N≥	156	156	156	SH/T0203
The physical property values above are typical of normal production and may vary				

Packing Specification

320g, 400g, 500g, 1kg, 2kg, 5kg, 12kg, 15kg, 170kg,180kg

Model Number

0#,1#,2#



BENTONITE LUBRICATING GREASE

Characteristics

This product has a high dropping point, excellent extreme pressure resistance, water resistance and colloidal stability.

Application

It is widely used in the lubrication and protection of bearings operating under high temperature, heavy load and nuclear radiation working environment; it can also be used for the lubrication of bearings, gears and other parts of high temperature equipment in metallurgy, mining and other industries.
Operating temperature range: -30°C~250°C

Advantage

- Good extreme pressure resistance;
- Good water and rust resistance;
- Good colloid stability.

Technical Data Sheet

ITEM	QUALITY INDEX			TESTING METHOD
	1#	2#	3#	
Appearance	Black smooth even ointment			Visual
Working penetration, 0.1mm	310~340	265-295	220-250	GB/T269
Drop point, °C≥	270	270	270	GB/T4929
Steel mesh oil seperation (100°C, 24h) /%≤	5	5	3	SH/T0324
Evaporation (99°C, 22h) /%≤	1.5	1.5	1.5	SH/T0337
Water Loss (38°C, 1h) /%≤	10	10	10	SH/T0109
Anti-corrosion resistance (52°C, 48h)	Qualified	Qualified	Qualified	GB/T5018
The physical property values above are typical of normal production and may vary				

Packing Specification

320g, 400g, 500g, 1kg, 2kg, 5kg, 12kg, 15kg, 170kg,180kg

Model Number

1#,2#,3#



POLYUREA GREASE

Characteristics

This product has excellent water resistance, pumpability, oxidation stability and high temperature resistance, and has the characteristics of stable structure and no coking under high temperature.

Application

This product is suitable for the lubrication of various medium and heavy load balls, rollers, sliding bearings, gears of baking equipment, chain motorcycles and other transmission parts and couplings.

Operating temperature: -20°C~220°C

Advantage

- Good mechanical stability;
- Good water and rust resistance;
- Good high temperature resistance.

Technical Data Sheet

ITEM	QUALITY INDEX	TESTING METHOD
	2#	
Appearance	Smooth even yellow ointment	Visual
Working penetration, 0.1mm	265~295	GB/T269
Drop point, °C≥	260	GB/T3498
Corrosion (T2 Copper, 100°C, 30h)	The copper sheet has no green or black change	GB/T7326
Steel mesh oil (100°C, 24h) /%≤	3	SH/T0324
Evaporation (99°C, 22h) /%≤	5	SH/T0337
Water Loss (38°C, 1h) /%≤	5	SH/T0109
Fluid-loss test (104°C, 6h) g≤	2.5	SH/T0326
Extended working penetration (100000 times) /0.1mm≤	20	GB/T269
Anti corrosion (52°C, 48h)	Qualified	GB/T5018
The physical property values above are typical of normal production and may vary		

Packing Specification

320g, 400g, 500g, 1kg, 2kg, 5kg, 12kg, 15kg, 170kg,180kg

Model Number

2#



CAR INNER CV JOINT GREASE

Characteristics

This product is made of highly refined base oil thickened with fatty acid metal soap and added with various additives.

Application

This product is suitable for the lubrication and sealing of the inner constant velocity joints of various car, and can also be used for the lubrication and sealing of rolling bearings and friction parts of various mechanical equipment.

Operating temperature range: -40°C~120°C

Advantage

- Excellent high temperature performance;
- Good water resistance and anti-rust performance;
- Excellent colloidal stability;
- Special fiber structure to maintain the normal work of mechanical equipment.

Technical Data Sheet

ITEM	QUALITY INDEX	TESTING METHOD
	2#	
Appearance	Yellow smooth uniform ointment	Visual
Working penetration, 0.1mm	273	GB/T269
Drop point, °C≥	190	GB/T3498
Steel wire mesh oil separation (100°C, 30h) /%	1.1	SH/T0324
Copper sheet corrosion (T2 copper sheet, 100°C, 24h)	The copper sheet has no green or black change	GB/T7326
Oxidation Stability (100°C, 100h, 0.77MPa)	0.03	SH/T0325
Extreme pressure performance (four-ball machine method) PD, N	2452	SH/T0048
Corrosion resistance (52°C, 48h)	Qualified	GB/T5018
The physical property values above are typical of normal production and may vary		

Packing Specification

320g, 400g, 500g, 1kg, 2kg, 5kg, 12kg, 15kg, 170kg,180kg

Model Number

2#



CAR OUTER CV JOINT GREASE

Characteristics

This product is made of fatty acid metallic soap thickened deep refined base oil, and added with a variety of extreme pressure anti-wear and other Additives.

Application

This product is suitable for the lubrication and sealing of various car constant velocity joints, and can also be used for lubrication and sealing of rolling bearings and friction parts of various mechanical equipment. Operating temperature range: -40°C~120°C

Advantage

- Excellent extreme pressure and anti-wear performance, protecting the metal as bright as new;
- Special processing technology, with excellent mechanical stability;
- Good anti-rust performance, protect metal from rust;
- Good colloidal stability, long-term stable lubricating performance;
- Good Low temperature starting performance.

Technical Data Sheet

ITEM	QUALITY INDEX	TESTING METHOD
	2#	
Appearance	Black smooth uniform ointment	Visual
Working penetration, 0.1mm	280	GB/T269
Drop point, °C≥	188	GB/T3498
Steel wire mesh oil separation (100°C, 30h) /%	1.5	SH/T0324
Copper sheet corrosion (T2 copper sheet, 100°C, 24h)	The copper sheet has no green or black change	GB/T7326
Oxidation Stability (100°C, 100h, 0.77MPa)	0.033	SH/T0325
Extreme pressure performance (four-ball machine method) PD, N	4900	SH/T0048
Corrosion resistance (52°C, 48h)	Qualified	GB/T5018
The physical property values above are typical of normal production and may vary		

Packing Specification

320g, 400g, 500g, 1kg, 2kg, 5kg, 12kg, 15kg, 170kg,180kg

Model Number

2#



PERFLUOM POLYETHERS GREASE

Characteristics

This product is a high performance perfluom polyethers synthetic base with an inorganic thickener,refined with low friction lubricating solids, and extreme pressure and anti-wear additives for maximum component protection even at its high temperature limits. It is completely insoluble in most solvents, and non-reactive in the presence of concentrated oxygen and chlorine.

Application

This product is suitable for slides, gearboxes, anti-friction and plain bearings,screws and threads,valves and many lubrication duties requiring excellent seal and component compatibility.

Advantage

- Wide range of temperature capability;
- Good chemical resistance ability and Non-flammability;
- Low vapor pressure and non-reactive ability.

Technical Data Sheet

ITEM	QUALITY INDEX	TESTING METHOD
Appearance	Black smooth uniform ointment	Visual
Working penetration, 0.1mm	274	GB/T269
Drop point, °C	227	GB/T4929
Steel wire mesh oil separation	1.3	SH/T0324
Evaporation capacity(99°C,22h)%	0.8	SH/T0337
Corrosion	Copper no green or black changing	GB/T7326
The physical property values above are typical of normal production and may vary		

Packing Specification

320g, 400g, 500g, 1kg, 2kg, 5kg, 12kg, 15kg, 170kg,180kg



7008 GENERAL AVIATION GREASE

Characteristics

This product is made from synthetic oils thickened with high grade fatty acid soap-based thickeners and refined with structural improvers and antioxidant additives.

Application

This product is suitable for lubrication of bearings and wheels of aviation motors, supporting points of control mechanisms and assembly joints; lubrication of ball bearings of electromechanical equipment working in cold areas, bearings of motors of instruments and meters, motors of high speed home use micro-motors and motors of low temperature liquid transfer pumps; lubrication of high speed bearings such as spindle bearings of machine tools.
Operating temperature range: -60°C~120°C

Advantage

- Good high and low temperature properties and oxidative stability;
- Good mechanical stability and colloidal stability;
- Good high speed performance and noise reduction.

Technical Data Sheet

ITEM	QUALITY INDEX	TESTING METHOD
Appearance	Light yellow to brown smooth ointment	Visual
Working penetration, 0.1mm	275	GB/T269
Drop point, °C	170	GB/T4929
Oxidation stability	0.030	SH/T0325
Evaporation capacity(99°C,22h)%	0.2	SH/T0337
Similar viscosity	750	SH/T0048
Corrosion resistance(52°C, 48h)	Qualified	GB/T5018
The physical property values above are typical of normal production and may vary		

Packing Specification

320g, 400g, 500g, 1kg, 2kg, 5kg, 12kg, 15kg, 170kg,180kg



ELECTRICAL CONTACT GREASE

Characteristics

This product is a long life, high quality electrical contact grease. It has extremely low contact resistance, excellent lubrication, protection and low temperature performance, and can play a good role in arc extinguishing and protection for switch contacts.

Application

This product is suitable for the maintenance and protection of all electrical contacts in weak current projects, and is also suitable for static contacts (insert connectors and smooth adjustments)
Operating temperature range: -35°C~120°C

Advantage

- Good quality and long life;
- Good lubrication and protection and low temperature property;
- Good in arc extinguishing and protection.

Technical Data Sheet

ITEM	QUALITY INDEX	TESTING METHOD
Appearance	White smooth even ointment	Visual
Working penetration, 0.1mm	265~295	GB/T269
Drop point, °C	160	GB/T3498
Corrosion (T3 copper, 100°C, 3h)	Qualified	SH/T0331
Volume resistance (Ω-cm) ≤	120	Self-test
Evaporation (99°C, 24h) , % (m/m) ≤	1.0	GB/T7325
The physical property values above are typical of normal production and may vary		

Packing Specification

320g, 400g, 500g, 1kg, 2kg, 5kg, 12kg, 15kg, 170kg,180kg

Model Number

3#



PRODUCT CATALOG

PRODUCT NAME		QUALITY GRADE	VISCOSITY GRADE
Diesel Engine Oil	CK-4 Fully Synthetic Diesel Engine Oil	CK-4/FA-4	10W-30,10W-40,15W-40
	CJ-4 E9 Synthetic Diesel Engine Oil	CJ-4	5W-40,10W-40,15W-40,20W-50
	CI-4 HEAVY DUTY DIESEL ENGINE OIL	CI-4	15W-40,20W-50
	CH-4 HIGH PERFORMANCE DIESEL ENGINE OIL	CH-4	15W-40,20W-50
	CF-4 HIGH PERFORMANCE DIESEL ENGINE OIL	CF-4	15W-40,20W-50
Gasoline Engine Oil	SP Fully Synthetic Gasoline Engine Oil	SP	0W-20,5W-20,5W-30,5W-40,10W-30,10W-40
	SN Synthetic Gasoline Engine Oil	SN	0W-20,0W-30,0W-40,5W-20,5W-30,5W-40,10W-40
	SL Synthetic Gasoline Engine Oil	SL	5W-30, 10W-40, 15W-40, 20W-50
	SJ Synthetic Gasoline Engine Oil	SJ	5W-30, 10W-40, 15W-40, 20W-50
Auto-motive Gear Oil	GL-4 Medium-Duty Vehicles Gear Oil	GL-4	75W-90,80W-90,85W-90
	GL-5 Heavy-Duty Vehicle Gear Oil	GL-5	80W90,85W90,85W-140
	ATF Automatic Transmisson Fluid	-	ATF-5,ATF-6,ATF-9
	MTF Manual Transmission Fluid	-	75W-80,75W-85,75W-90,80W-90
Other Products	SN/SL/SF Motorcycles Oil	SN/SL/SF	-
	Berak Fluid	-	-
	AMTF Automatic/Manual Transmisson Fluid	-	-
Hyd-raulic Oil	L-HM Anti Wear Hydraulic Oil	L-HM	32#、46#、68#、100#、150#
	L- HM High Pressure Anti Wear Hydraulic Oil	L-HM	32#、46#、68#、100#
	L- HM Ashless Anti Wear Hydraulic Oil	L-HM	32#、46#、68#、100#
	L- HE High Cleanliness Anti Wear Hydraulic Oil	L-HE	32#、46#、68#
	L- HV Low Temperature Hydraulic Oil	L-HV	10#、15#、22#、32#、46#、68#
	10# Aviation Hydraulic Oil	-	10#
	L- HS Extreme-Low Temperature Hydraulic Oil	L-HS	10#、15#、22#、32#、46#
Gear Oil	L-CKC Medium Load Gear Oil	L-CKC	68#、100#、150#、220#、320#、460#、680#
	L-CKD Heavy Load Gear Oil	L-CKD	68#、100#、150#、220#、320#、460#、680#
	L-CKM Open Gear Oil	L-CKM	68#、100#、150#、220#、320#
	Fully Synthetic Gear Oil	CKS、CKT	150#、220#、330#
Chain Oil	High Temperature Chain Oil	FL-1、FL-2	-
Heat Transfer Oil	L-QB Heat Transfer Oil	L-QB	L-QB 280、L-QB 300
	L-QC Heat Transfer Oil	L-QC	L-QC 310、L-QC 320
	L-QD Heat Transfer Oil	L-QD	L-QD 330、L-QD 340、L-QD 350
Com-pressor Oil	L-DAJ Synthetic Screw Compressor Oil	L-DAJ	32#、46#、68#、100#
	L-DAJ Fully-Synthetic Screw Compressor Oil	L-DAJ	32#、46#、68#、100#
	L-DAB Medium-Load Air Compressor Oil	L-DAB	32#、46#、68#、100#
	L-DAG Light Load Rotary Compressor Oil	L-DAG	22#、32#、46#、68#、100#
Turbine Oil	L-TSA TURBINE OIL	TSA	32#、46#、68#、100#
Other Products	AP Anti-Micropitting Gear Oil	-	-
	AP-S Synthetic Heavy Load Gear Oil	-	-
	L-CKE Extreme Pressure Worm Gear Oils	L-CKE	220#、320#、460#、680#、1000#
	L-CKE Compound Worm Gear Oils	L-CKE	220#、320#、460#、680#、1000#

PRODUCT NAME		QUALITY GRADE	VISCOSITY GRADE
Other Products	L-DVA/DVB Vacuum Pump Oil	L-DVA/DVB	46#、68#、100#
	L-FC Spindle Oil	L-FC	2#、5#、7#、10#
	Hydraulic Transmission Oil	HA	6#、8#
	Refrigeration Oil	DRB/A、DRB/B	68#、100#、150#、220#、320#
	L-HG Slideway Oil	L-HG	32#、68#
Filmatic Bearing Oil		-	100#、150#、220#、320#、460#

PRODUCT NAME		CONSISTENCY LEVEL	OPERATING TEMPERATURE
Grease	FT109 Lubricating Grease	2#、3#	-20℃~85℃
	Construction Machinery Lithium Grease	2#、3#	-30℃~130℃
	Semi-Fluid Lithium Grease	0#、00#、000#	-20℃~120℃
	FT108 Lithium Base Grease	1#、2#、3#	-30℃~130℃
	Multi-Purpose Lithium Grease	1#、2#、3#	-20℃~120℃
	Automotive Multipurpose Lithium Grease	2#、3#	-30℃~120℃
	Molybdenum Disulfide Lithium Grease	0#、1#、2#、3#	-20℃~120℃
	Heavy Duty Vehicle Hub Grease	2#、3#	-30℃~200℃
	HP-2 Blue High Temperature Grease	3#	-30℃~200℃
	HP-X Blue High Temperature Grease	3#	-30℃~220℃
	Hep Specific Blue High Temperature Grease	3#	-30℃~220℃
	Ultra-High Temperature Grease	2#	600℃
	Extreme Pressure Lithium Grease	0#、1#、2#、3#	-20℃~120℃
	Extreme Pressure Lithium Complex Grease	2#、3#	-30℃~220℃
	Extreme Pressure Aluminium Complex Grease	0#、1#、2#	-20℃~160℃
	Bentonite Lubricating Grease	1#、2#、3#	-30℃~250℃
	Polyurea Grease	2#	-20℃~220℃
	Car Inner CV Joint Grease	2#	-40℃~120℃
	Car Outer CV Joint Grease	2#	-40℃~120℃
Special Grease	Perfluom Polyethers Grease	-	-
	7008 General Aviation Grease	-	-60℃~120℃
	Special Low Temperature Grease	-	-60℃~140℃
	Electrical Contact Grease	3#	-35℃~120℃
Other Porducts	Concrete Pump Truck Lithium Grease	0#、00#、000#	-20℃~120℃
	Drill Pipe Thread Sealing Grease	-	-
	Charging Roller Table Grease	1#、2#	-30℃~200℃
	Caster Special Grease	0#、1#、2#	-30℃~200℃
	Sintering Machine Grease	0#、1#、2#	-30℃~200℃
	Rolling Mill Bearing Grease	2#、3#	-30℃~200℃
	Precision Bearing Grease	2#、3#	-20℃~130℃
	Heavy-Duty Open Gear Grease	0#、00#、000#	-30℃~180℃
	Gear Reducer Grease	0#、00#、000#	-30℃~120℃
	Special White Grease	1#、2#、3#	-30℃~130℃
	Synthetic Extreme Pressure Lithium Complex Grease	2#、3#	-30℃~220℃
	Fully Synthetic Multi-Purpose Lithium Grease	2#、3#	-30℃~220℃

RAW MATERIAL SUPPLIER



USER REPRESENTATIVE



PARTNERS

