

<b>Product</b>	<b>Sinopec BLC-D Grease</b>
<b>Summary</b>	<b>Product description</b> BLC-D Bearing Grease is made up of complex lithium soap thickening, refined mineral oil, high performance antioxidant and antirust additives through special processes. Complex lithium soap and specific antioxidant warrants that it has good high-temperature resistance and higher loading ability.

Available sizes



PAIL – 17kg



DRUM – 170kg

## Applications

Sinopec BLC-D Grease is suitable for use in:

- automotive water pump bearings, open hearth transmission bearings, drying apparatus roller bearings rotary steam pipe joint, kiln vehicle bearings, induced-draft fan spindle bearings, and other close to high temperature machinery and equipment
- Application where the temperature range is from -20°C to 160°C.

## Features and benefits

- Good water resistance means that the grease stays in place and is not washed or sprayed off in wet conditions, reducing the need for frequent re-application.
- Grease adheres strongly to metal surfaces, sealing out dirt and abrasive materials, to ensure longer lubricating intervals.

## Typical data

Product data	BLC-D NO. 2	BLC-D NO. 3	Test method
Appearance	Light yellow smooth buttery		Visual
Service temperature rang	-20~160℃		—
Chemical composition, thickener	Complex lithium		—
Chemical composition, type of oil	Mineral oil		—
Kinematic viscosity of the base oil (40℃), mm <sup>2</sup> /s	142		GB/T 265
Worked penetration, 0.1mm	284	238	GB/T 269
100000worked penetration, 0.1mm	314	281	GB/T 269
Dropping point, ℃	261	264	GB/T 4929
Oil separation (100℃, 24h) ,mass%	0.6	0.4	NB/SH/T 0324
Water washout (79℃,1h), mass%	2.1	1.8	SH/T 0109
Copper strip corrosion (T2,100℃, 24h)	Pass	Pass	GB/T 7326
Corrosion preventive properties (52℃, 48h)	Pass	Pass	GB/T 5018
Evaporation loss (99℃, 22h) , mass%	0.31	0.10	GB/T 7325
Oxidation stability (99℃, 100h) kPa	11	17	SH/T 0325
Oxidation induction time (OIT) , (210℃, 3.5MPa, O <sub>2</sub> 100ml/min) , min	24	26	SH/T 0790
Extreme pressure property PD, N	2452	2452	SH/T 0202
Extreme pressure property PB, N	441	549	SH/T 0202
Low-temperature torque (-20℃), N·m	Starting	0.160	SH/T 0338
	Running	0.019	
Bearing lubrication life (160℃), h	441	549	SH/T 0428

These data are given as an indication of typical values and not as exact specifications.

## Accuracy of information

Data provided in this PDS is typical and subject to change as a result of continuing product research and development. The information given was correct at the time of printing. The typical values given are subject to variations in the testing procedures and the manufacturing process may also result in slight variations. Sinopec guarantees that its lubricants meet any industry and OEM specifications referred to on this data sheet.

Sinopec cannot be held responsible for any deterioration in the product due to incorrect storage or handling. Information on best practice is available from your local distributor.

## Product and environmental safety

This product should not cause any health problems when used in the applications suggested and when the guidance provided in the Material Safety Data Sheet (MSDS) is followed. Please consult the MSDS for more detailed advice on handling; MSDSs are available from your local distributor. Do not use the product in applications other than those suggested.

As with all products, please take care to avoid environmental contamination when disposing of this product. Used oil should be sent for reclamation/recycling or, if not possible, must be disposed of according to relevant government/authority regulations.

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