

Product	<b>Sinopec Blue Extreme Pressure Lithium Complex Grease</b>
Summary	<p><b>Product description</b></p> <p>Sinopec Blue Extreme Pressure Lithium Complex Grease is blue smooth ointment. It is an extreme pressure grease, formulated with a special lithium soap thickener and high-quality mineral base oil. It contains sticky improver, rust and oxidation inhibitors, EP and anti-wear additives to ensure excellent performance and long life, even in severe service conditions such as high temperatures, shock loading and where water contamination is possible. Available in NLGI grades 1, 2, T2 and 3.</p>

Available sizes



DRUM – 180kg

## Applications

Sinopec Blue Extreme Pressure Lithium Complex Grease is suitable for use in:

- Bearing lubrication parts of mechanical equipment with high loads and at high temperatures.
- Applications where the temperature range is from -20°C to +150°C.

## Features and benefits

- Excellent extreme pressure and antiwear properties protect heavily loaded bearings from wear, extending equipment life.
- The special lithium compound soap thickener ensures a high drop point of the grease, which means that the grease can be used at higher temperatures for harsh applications (-20°C to +160°C) with excellent mechanical stability.
- High-quality base oil ensures a good oil film thickness is maintained, even in high-temperature applications, protecting components against wear.
- Available in NLGI grades 1, 2, T2 and 3 to meet the requirements of specific applications.

# Product Data Sheet

## Typical data

Sinopec Extreme Pressure Lithium Complex Grease				
NLGI grade	1	2	T2	3
Appearance, visual	Smooth, blue, buttery			
Thickener type	Special Lithium complex			
Base fluid type	Mineral			
Cone penetration, ASTM D 217				
W×60, mm <sup>-1</sup>	323	282	260	233
Dropping point, °C, ASTM D 566	278	289	304	307
Oil separation, 24h @ 100°C, %, FTMS 791C-321.3	5.1	2.7	1.0	0.4
Corrosion prevention, 48h @ 52°C, rating, ASTM D 1743	pass	pass	pass	pass
Four ball EP, P <sub>B</sub> , N, ASTM D 2596	588	588	588	588
Four ball wear, (392N, 75°C, 1200rpm,60min) scar,mm ASTM D 2266	0.45	0.5	0.5	0.5
Impurities, quantity/cm <sup>3</sup> , JIS K 2220 5.9				
25 µm or larger	400	280	260	240
75 µm or larger	40	80	60	40
125 µm or larger	0	0	0	0

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

## Industry and OEM specifications

<b>Sinopec Extreme Pressure Lithium Complex Grease meets the performance requirements of the following industry specification:</b>	
Sinopec	SHRHYXY 5124-2007

## 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 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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