

Product	Sinopec Blue Extreme Pressure Complex Lithium Lubricating Grease
Summary	Product description Sinopec Blue Extreme Pressure Complex Lithium Lubricating Grease is an extreme pressure grease, formulated with special lithium complex thickener, refined mineral base oil and various additives. It provides good performance and long life even under severe working conditions such as high temperature, shock load and water pollution.

Applications

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

- Medium to high load, high temperature and humidity parts of the mechanical equipment lubrication.
- Applications where the temperature range is from -20°C to 150°C.

Features and benefits

- Add extreme pressure antiwear agent, can effectively reduce the wear of lubricated parts;
- Good anti-rust properties, can be applied to equipment parts under humid and watery environmental conditions, effectively preventing rust and corrosion of lubricated parts;
- Excellent high temperature resistance and oxidation resistance, it can still maintain good lubrication and adhesion at higher temperatures, and has a long lubrication life than extreme pressure lithium grease;

Typical data

NLGI grade	1	T1	2	T2	3	T3
Appearance, visual	Smooth, blue, buttery					
Thickener type	Special lithium complex					
Base fluid type	Mineral					
Cone penetration, ASTM D 217						
W _{x60} , mm ⁻¹	323	301	274	258	237	216
Dropping point, °C, ASTM D 2265	256	261	273	287	292	291
Oil separation, 24 h @ 100°C, %, FTMS 791C-321.3	4.0	3.0	1.3	0.8	0.2	0.3
Corrosion prevention, 48 h @ 52°C, rating, ASTM D 1743	pass					
Four ball Wear, Scar, mm, ASTM D 2266	0.5	0.45	0.46	0.52	0.4	0.45
Four ball EP, P _B , N, ASTM D 2596	588	588	588	588	588	588

Product Data Sheet

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

Industry and OEM specifications

Sinopec Blue Extreme Pressure Complex Lithium Lubricating Grease meets the performance requirements of the following industry specifications:

Sinopec	Q/SH3031 0474
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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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Issued: February 2023

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