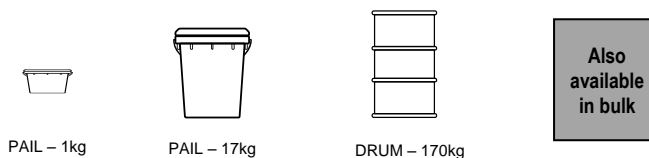


Product	Sinopec Lithium Complex Grease
Summary	<p>Product description</p> <p>Sinopec Lithium Complex Grease is a complex grease, formulated with a lithium soap thickener and high-quality mineral base oil. It consists of a deeply refined mineral oil base fluid thickened with a metal complex soap thickener, and contains performance-enhancing additives. Available in NLGI grades 0, 1, 2 and 3.</p>

Available sizes



Applications

Sinopec Lithium Complex Grease is suitable for use in:

- Centralized lubricating system of rolling mill and rolling bearing in metallurgical industry, it also can be used for lubricating bearings in mine, machinery and transport industry.
- Applications where the temperature range is from -20°C to +160°C.

Features and benefits

- Excellent high temperature performance, it can remain on spot at friction pairs under high temperature, and provide continuous protection to bearings and friction pairs, effectively extend service life under high temperature condition
- Good EP and anti-wear properties, satisfy lubricating requirements for bearings of heavy load or impact load equipment
- Excellent oxidation resistant performance, ensure longer service life during application
- Excellent flow character ensures its low temperature pumpability

Product Data Sheet

Typical data

Sinopec Lithium Complex Grease				
NLGI grade	0	1	2	3
Appearance, visual	Smooth, brown, buttery			
Thickener type	Lithium complex			
Base fluid type	Mineral			
Dropping point, °C, ASTM D 566	270	280	297	300
Oil separation, 24h @ 100°C, %, FTMS 791C-321.3	1.2	1.2	1.2	1.2
Apparent viscosity, -10°C, 10 s ⁻¹ , Pa • s, GOST 7163	92	185	488	820
Water washout, 1h @ 38°C, %, ASTM D 1264	0	0	0	0
Copper corrosion, T2 copper strip, 24 h @ 100°C, rating, JIS K 2220 5.5	pass	pass	pass	pass
Corrosion prevention, 48h @ 52°C, rating, ASTM D 1743	pass	pass	pass	pass
Timken OK load, N, ASTM D 2509	156	156	156	156

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

Industry and OEM specifications

Sinopec Lithium Complex Grease meets the performance requirements of the following industry specification:	
Sinopec	Q/SH PRD335 346—2010

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.

The SINOPEC trademark is registered and protected.

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Sinopec Lithium Complex Grease