

Product	Sinopec Crystal Grease
Summary	Product description Sinopec Crystal Grease is a semitransparent multipurpose long service life grease. It is formulated with special selected highly refined mineral base oils and rust and oxidation inhibitors, and is thickened with a mixed lithium/calcium 12-hydroxystearate soap thickener. It can substitute calcium and sodium base grease and be transfused by hand tools.

Applications

Sinopec Crystal Grease is suitable for use in:

- It is suitable for using in tropic and semi-tropical area.
- It is suitable for lubricating rolling bearing, sliding bearing and other friction points of genera mechanical equipments.
- Application temperature range: -20~120 ℃

Features and benefits

- Good adhesiveness.
- Multi-purpose with excellent mechanical and oxidation stability.
- Good water resistant and anti-rust properties.
- Can be applied to equipments under moist and water presented conditions.

Typical data

Sinopec Crststal Grease		
NLGI grade	2	3
Appearance	Brown smooth and uniform ointment	
Worked Penetration 0.1mm	285	240
Dropping point, °C, ASTM D 566	197	198
Water Washout(38°C, 1h) %(m/m)	2	1
Oil separation, 24 h @ 100°C, %, FTMS 791C-321.3	4.1	1.0
Corrosion prevention, 48 h @ 52°C, rating, ASTM D 1743	pass	pass
Copper corrosion, T2 copper strip, 24 h @ 100°C, rating, ASTM D 4048	pass	pass

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

Industry specifications

Sinopec Crystal Grease meets the performance requirements of the following industry specifications:	
Sinopec	Q/SH303 474-2009

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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