

Product	Sinopec GRK-A Grease
Summary	Product description Sinopec GRK-A Grease is formulated with an organic thickener, high-quality mineral oils and synthetic oil. It is a kind of semi fluid lubricant, containing EP, anti-wear and anti-rust additive, solid additives, and viscosity index improver.

Applications

Sinopec GRK-A Grease is suitable for use in:

- Open gears requiring good adhesion under high extreme pressure and load, especially the type of open gear transmission of shovel from mining industry, the rotary equipment of cement industry or high temperature and extreme pressure equipments of metallurgical industry.
- Application temperature range from -20°C to 180°C.

Features and benefits

- High viscosity lubricating base oil and EP, solid additives, good for the lubrication of heavy load working parts.
- Excellent adhesion property contributes to form strong adhesive lubricating film on the surface of gears.
- Excellent low temperature property making pumping at low temperature smoothly.
- Rust resistance capability, preventing gear corrosion during the process of operation.

Typical data

Sinopec GRK-A Grease	
Worked penetration(25°C), 0.1mm ASTM D 217	450
EP Properties (Four Ball Test) , P _D , N, ASTM D 2596	4903
Four Ball Wear, Wear Scar Diameter, mm, ASTM D 2266	0.55
Copper Corrosion (Yellow Copper Strip, 100°C, 3h) ASTM D4048	pass
Corrosion Prevention, 48 h @ 52°C, rating, ASTM D 1743	pass

These data are given as an indication of typical values, 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.

The SINOPEC trademark is registered and protected.

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