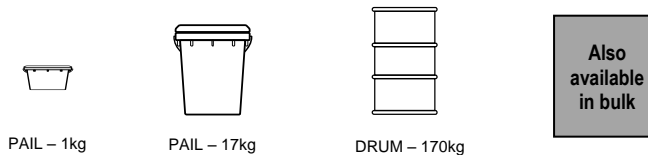


Product	Sinopec Extreme Pressure High Temperature Grease 7019-1
Summary	<p>Product description</p> <p>Sinopec Extreme Pressure High Temperature Grease 7019-1 is an extreme pressure grease formulated with a lithium complex soap thickener, semi-synthetic base oil (mineral oil plus polyalphaolefin) and selected additives. It is suitable for use in bearings that are exposed to high temperature and high load conditions, such as those use in heavy duty industrial and automotive applications.</p>

Available sizes



Applications

Sinopec Extreme Pressure High Temperature Grease 7019-1 is suitable for use in:

- Bearings exposed to high temperature or extreme pressure, such as rolling element bearings.
- Heavy duty applications, such as those found in the mining, construction, agricultural and sugar milling industries.
- Chassis components, farm equipments and U-joints.

Features and benefits

- Lithium complex soap thickener together with semi-synthetic base oil and antioxidant additives, provide outstanding performance in high-temperature applications.
- Extreme pressure properties protect metal surfaces under conditions of heavy or shock loading.
- The semi-synthetic base oil ensures the formation of a stable oil film that protects against bearing wear and corrosion.
- Excellent thermal and oxidation stability, together with low oil evaporation loss, extend the life of the grease, ensuring protection of metal surfaces and prolonging bearing and component life.
- Provides good protection against rust and corrosion, extending component life and relubrication intervals.
- Excellent mechanical stability ensures the grease structure does not break down in service, thus extending grease life.

Product Data Sheet

Typical data

Items	Grease 7019-1					Test Methods
	3	2	1	0	00	
NLGL Consistency	3	2	1	0	00	
Appearance	Light Yellow to Brown Smooth buttery					Eye View
Worked Penetration (60 strokes), 0.1mm	234	283	325	372	415	GB/T 269
Dropping Point, °C	>300	>300	>300	263	210	GB/T 3498
Oil Bleeding, % (w/w)	6.2		—			GB/T 392
Evaporation Loss (180°C), % (w/w)	1.8					SH/T 0337
Corrosion Test (45# Steel, 100°C, 3h)	Pass					SH/T 0331
Apparent Viscosity (-20°C, 10s ⁻¹) Pa·S	1038	872	750	—		SH/T 0048
Load Capability (Four Ball Test) P _B , N	1029					GB/T 3142

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

Industry and OEM specifications

Sinopec Extreme Pressure High Temperature Grease 7019-1 No.3 meets the performance requirements of the following industry specification:	
Sinopec	Q/SH PRD234-2008

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; MSDS 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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