

Product	Extreme Pressure Lithium Grease
Summary	Product description Extreme Pressure Lithium Grease is a preferred extreme pressure grease made by thickening refined mineral oil with lithium thickener and adding additives such as anti-oxidation, extreme pressure and anti-rust.

Available sizes



PAIL – 20L



DRUM – 200L

Applications

- Suitable for lubrication of bearings and gears of medium and heavy load mechanical equipment.
- Applications where the temperature range is from -20℃~120℃.

Features and benefits

- Base oil has moderate viscosity and excellent performance, which can satisfy the lubrication of heavy-duty lubrication parts in metallurgy, machinery and other industries.
- The soap fiber of thickener has reasonable structure and uniform distribution, and can maintain good structural characteristics of grease under the action of shear force.
- It has certain anti-rust performance and can prevent the bearing from rusting during operation.

Product Data Sheet

Typical data

Items	Sinopec Extreme Pressure Lithium Grease (GP-E)					
NLGI grade	00	0	1	2	3	000
Cone penetration, ASTM D 217 W×60, mm ⁻¹	417	378	325	282	245	466
Cone penetration, ASTM D 217 W×100,000, mm ⁻¹	441	401	368	311	269	-
Oil separation, 24 h @ 100°C, %, FTMS 791C-321.3	-	-	4.6	3.2	0.1	-
Apparent viscosity, -10°C, 10 s ⁻¹ , Pas, GOST 7163	58	80	221	490	673	40
Dropping point, °C, ASTM D 566	173	178	178	196	181	-
Extreme-Pressure Properties (Four-Ball Method), N, ASTM D2596	618	618	784	784	784	588
(Timken method) OK value, N, ASTM D2509	156	156	178	178	178	133

These data are given as an indication of typical values and 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

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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