



GREASE

EP000 Semi-fluid Grease

Sinopec Extreme Pressure Lithium No. 000

Pack Size: 35lb. Pail

Shipping Weight: 40lbs.

Dimensions: 13"x13"x15"

Sinopec Semi-Fluid EP Lithium Grease is a semifluid formulation ideal for enclosed gears or applications where higher retention is necessary and/or when gears can no longer retain conventional gear oil. Excellent structural stability, long services life and excellent resistance to corrosion and oxidation and water to protect machinery from wear and tear. NLGI 000. Appearance smooth brown and syrupy. Operating temperatures between -22°F to $+250^{\circ}\text{F}$. Dropping Point of 320°F .

APPLICATIONS

- Bearings and gears of medium to heavily loaded mechanical equipment, where an extreme pressure/anti-wear grease is required for extra protection.
- Multi-service grease for machinery.
- Applications where the temperature range is from -5°F to $+250^{\circ}\text{F}$.

FEATURES AND BENEFITS

- Excellent extreme pressure and anti-wear properties protect heavily loaded or shock-loaded bearings from wear, extending equipment life.
- Lithium soap thickener ensures good mechanical stability, so the grease structure does not soften or break down in service.
- High-quality base oil ensures a good oil film thickness is maintained, even in high-temperature applications, protecting components from wear.
- Excellent protection against rust and corrosion ensures long component life, and extends maintenance intervals.
- Good thermal and oxidation stability ensure longer grease life under high-temperature conditions, providing optimum lubrication, extending equipment life and reducing maintenance requirements.
- Grease adheres strongly to metal surfaces, sealing out dirt and abrasive materials, to ensure longer lubricating intervals.

TYPICAL DATA

NLGI grade	000
Appearance, visual	Smooth
Thickener type	Lithium
Base fluid type	Mineral
Kinematic viscosity, ASTM D 445	
cSt @ 100°C (range)	22
Cone penetration, ASTM D 217	
W \times 60, mm-1	445
W \times 100,000, mm-1	460
Dropping point, $^{\circ}\text{C}$, ASTM D 566	160
Oil separation, 24 h @ 100°C , %, FTMS 791C-321.3	-
Corrosion prevention, 48 h @ 52°C , rating, ASTM D 1743	PASS
Copper corrosion, T2 cop. strip, 24h @ 100°C , rating, ASTM D4048	PASS
Timken OK load, N, ASTM D 2509	156
Four ball EP, PB, N, ASTM D 2596	618
Impurities, quantity, cm3, JIS K 2220 5.9	
25um or larger	240
75um or larger	80
1 25 um or larger	0



OEM & INDUSTRY SPECIFICATIONS

Sinopec	Q/SH303 243-2004
---------	------------------

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.

FURTHER INFORMATION



RED DRUM TRADING, INC.
email: info@reddrums.com
phone: (844) 730-4040
www.reddrums.com