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| Product | Sinopec High Temperature Heavy Load Bearing Grease 7424 (2) |
| Summary | <p>Product description</p> <p>Sinopec High Temperature Heavy Load Bearing Grease 7424 (2) is formulated with a calcium sulfonate complex soap thickener, high viscosity mineral base oil and selected additives. It is suitable for use in equipment that are exposed to high temperature, heavy load, easy to touch water conditions, such as roll bearing, conveyor roller bearings for continuous casters, water pump bearings .etc..</p> |

Available sizes



PAIL – 17kg



DRUM – 180kg



Applications

Sinopec High Temperature Heavy Load Bearing Grease 7424 (2) is suitable for use in:

- Bearing and gear exposed to extreme pressure.
- Heavy duty applications, such as those found in the mining, construction, cogeneration power plant and other industries.
- Especially for roll bearing, conveyor roller bearings for continuous caster, water pump bearings... etc.
- temperate range from -20°C to +180°C.

Features and benefits

By using calcium sulfonate complex soap thickener, high viscosity mineral base oil and selected additives, Sinopec has produced the most advanced Sinopec High Temperature Heavy Load Bearing Grease 7424 (2) seen in the market for over a decade:

- Excellent extreme pressure properties protect metal surfaces of bearing and gear under conditions of heavy or shock loading.
- Excellent adhesion ensures the grease does not run away in service, thus extending grease life.
- Excellent thermal and oxidation stability, extend the life of the grease, ensuring protection of metal surfaces and prolonging bearing and gear life.
- Provides good protection against rust and corrosion, extending component life and re-lubrication intervals.
- Excellent mechanical stability ensures the grease structure does not break down in service, thus prolong grease life.
- Provides good structural stability in the presence of water.
- Provides good pumping properties.

Typical data

| Sinopec High Temperature and Heavy Load Bearing Grease 7424 (2) | |
|---|--------------------------------|
| Appearance, visual | smooth homogeneous buttery |
| Thickener type | calcium sulfonate complex soap |
| Base fluid type | Mineral oil |
| Cone penetration, GB/T 269 | |
| Worked(60 stocks) , 0.1mm ⁻¹ | 285 |
| Worked(100000 stocks) , 0.1mm ⁻¹ | 288 |
| Dropping point, °C, GB/T 3498 | >300 |
| Appearance viscosity,10°C, 10s ⁻¹ , Pas, ,SH/T 0048 | 470 |
| Anticorrosion 48h @ 52°C,GB/T 5018 | Pass |
| Oil separation (100°C, 30h), %, NB/SH/T 0324 | 0.2 |
| Load carrying capacity (Four ball test), 1500 rpm, 25°C, N, SH/T 0202 | |
| maximum non-seizure load, PB, N | 1079 |
| weld load, P _D , N | 4900 |
| Corrosion T2Cu,24h @ 100°C, GB/T 7326 | Pass |
| TIMKEN OK load, N,SH/T 0203 | 200 |
| Wear scar, mm, SH/T 0204 | 0.42 |

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

Industry and OEM specifications

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| Sinopec High Temperature and Heavy Load Bearing Grease 7424 (2) meets the performance requirements of the following industry specifications: | |
| SHRHYXY | 4146-2019 |

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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PERFORMANCE IN MOTION

The information contained herein is subject to change without notification due to continuing research & development therefore properties may be subject to slight variations.