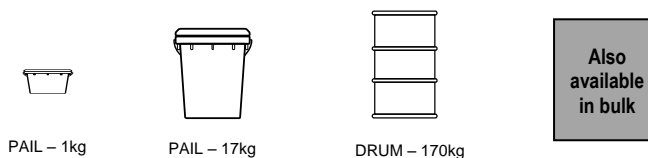


Product	Sinopec MCL-O High Temperature Grease
Summary	<p>Product description</p> <p>Sinopec MCL-O High Temperature Grease is wide-temperature-range and long-life grease, formulated with complex lithium soap thickener and PAO synthetic base oil and strong additives. It flows smoothly in cold weather and supplies strong lubrication under hot weather. Its robust anti-rust, extreme pressure anti-wear and anti-oxidation capacity makes it especially suitable for bearing and gear applications that emphasize excellent low and high temperature protection.</p>

Available sizes



Applications

Sinopec MCL-O High Temperature Grease is suitable for use in:

- Higher speed bearing from engineering machinery, mining, metallurgy and other industries.
- Wide-temperature-range of application.
- Application temperature: from -50°C to 180°C.

Features and benefits

- Excellent load-carrying capacity and anti-shock performance, protecting heavily loaded or shock-loaded bearings from wear, extending equipment life.
- Lithium complex soap thickener ensures a high dropping point, and the grease can be used at higher temperatures; synthetic base oil makes the grease easy to be pumped in cold environment. These excellent high and low temperature performances guarantee a longer service life of the equipment.
- High base oil viscosity ensures a good oil film thickness even under severe high-temperature conditions, protecting components against wear.
- Excellent water and rust and corrosion resistance means that the grease stays in place and is not washed or sprayed off in wet conditions, ensures protection for the metal surface and longer component life, and extends maintenance intervals.

Typical data

Sinopec MCL-O High Temperature Grease	
Item	Typical Properties
Appearance, visual	Red
Thickener type	Lithium complex
Base fluid type	PAO
Kinematic viscosity of base oil, ASTM D 445	
cSt @40°C	100
Cone penetration, ASTM D 217	
W×60, mm ⁻¹	274
Dropping point, °C, ASTM D 2265	278
Four ball wear, 60 min @ 392 N, mm, ASTM D 2266	0.5
Four ball EP, weld point, N, ASTM D 2596	2452
Timken OK load, N, ASTM D 2509	267
Water washout, 1 h @ 79°C, %, ASTM D 1264	2
Flowing pressure, @ -40°C, Kpa, DIN 51805	50

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 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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