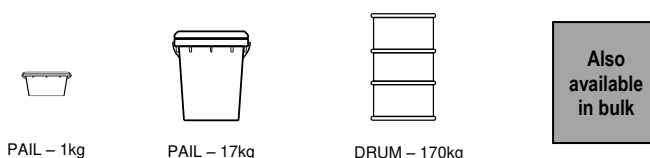


Product	<b>Sinopec Multi-Purpose Aviation Grease 7008</b>
Summary	<p><b>Product description</b></p> <p>Sinopec Multi-Purpose Aviation Grease 7008 is formulated with a lithium soap thickener, ester oil and selected additives. It is suitable for use in lubrication for aviation motor bearings, gears, the control mechanism points, assemblies and bonds, instruments, and ball bearings operating at high speeds .It is also suitable for use in lubrication for bearings of spindle, instrument, low-temperature working pump, small-size electric motor of family appliances running under high speeds.</p>

Available sizes



## Applications

Sinopec Multi-Purpose Aviation Grease 7008 is suitable for use in:

- Motor bearings, gears, the control mechanism points, assemblies and bonds, instruments, and ball bearings operating at high speeds in aviation field.
- Bearings of spindle, instrumentation, low-temperature working pump, small-size electric motor of family appliances running under high speeds in non-aviation field.

## Features and benefits

- Lithium soap thickener together with ester oil provides outstanding performance both in high-temperature and low-temperature applications.
- Well-chosen antioxidant additives offer long-life service under high-temperature conditions.
- Synthetic ester oil ensures the formation of a stable oil film that protects against bearing wear and corrosion in wide temperature range.
- Excellent protection against rust and corrosion, extending component life.
- Excellent mechanical stability ensures the grease structure does not break down in service, thus extending grease service life.

# Product Data Sheet

## Typical data

<b>Sinopec Multi-Purpose Aviation Grease 7008</b>	
Appearance, visual	Light gray or brown
Thickener type	Lithium soap
Base oil type	Synthetic Ester
Kinematic viscosity of base oil, cSt @ 40°C, ASTM D 445	11.6
1/4 Penetration, 60 strokes, 10 <sup>-1</sup> mm, ASTM D 1403	71
Dropping point, °C, ASTM D 2265	186
Oil separation (under pressure), %wt, GB/T 392	15.07
Evaporation loss, 1h @ 120°C, %wt, SH/T 0337	1.30
Corrosiveness (copper), 3h @ 100°C, SH/T 0331	pass
Apparent viscosity, -50°C, 10 s <sup>-1</sup> , Pa s, SH/T 0048	576
Chemical stability (pressure drop), 0.78MPa Oxygen, 100h @ 100°C, MPa, SH/T 0335	0
Load carrying capacity (Four ball test) Last nonseizure load, PB, N, ASTM D 2596	736
Low temperature torque, @ -60°C, N m, ASTM D 1478 Starting Running, after 1h	0.257 0.017

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

## Industry and OEM specifications

<b>Sinopec Multi-Purpose Aviation Grease 7008 meets the performance requirements of the following specification:</b>	
U.S.A.	MIL-G-3278A
U.K.	D.T.D825B
China	NB/SH/T 0437-2014

## 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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Sinopec Multi-Purpose Aviation Grease 7008

# SINOPEC

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