

# Product Information Specialty Lubricant

DOW CORNING

## Molykote<sup>®</sup> G-1007 Grease

### FEATURES & BENEFITS

- Wide temperature range, -40 to 180°C
- Good wear resistance
- High load carrying capability

### COMPOSITION

- Poly/Ester base oil
- Lithium complex thickener
- Molybdenum disulfide
- Corrosion inhibitors

Synthetic (PAO/Ester) grease automotive mechanical parts

### APPLICATIONS

- Gears, bearings and slides for automotive
- Automotive mechanical parts

### TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales office or your Global Dow Corning Connection before writing specifications on this product.

Test*	Property	Unit	Result
	Appearance		Charcoal gray
JIS K-2220	Penetration (worked 60 strokes)		310
	Temperature range		-40–180
JIS K-2220	Bleed (24 hours, 100°C)	%	2.0
JIS K-2220	Evaporation (22 hours, 99°C)	%	1.4
JIS K-2220	Dropping point	°C	245
JIS K-2220	Copper corrosion test (24 hours, 100°C)		1a
ASTM D2266	4 ball test, wear scar (1200 rpm, 392 N, 1hour)	mm	0.49
JIS K-2220	Low temperature torque (-20°C)		
	Starting torque	mN*m	35
	Running torque	mN*m	21

\*JIS: Japanese Industrial Standard

ASTM: American Society for Testing and Materials

### DESCRIPTION

Molykote<sup>®</sup> G-1007 Grease is a Synthetic (PAO/Ester) grease designed to be used for lubrication in automotive body and interior components.

### HOW TO USE

Clean points of lubrication. As is usual with lubricating grease, apply or fill by means of brush, spatula, or automatic filling device.

### HANDLING PRECAUTIONS

**PRODUCT SAFETY  
INFORMATION REQUIRED FOR  
SAFE USE IS NOT INCLUDED IN  
THIS DOCUMENT. BEFORE  
HANDLING, READ PRODUCT  
AND SAFETY DATA SHEETS  
AND CONTAINER LABELS FOR  
SAFE USE, PHYSICAL AND  
HEALTH HAZARD  
INFORMATION. THE SAFETY  
DATA SHEET IS AVAILABLE ON  
THE DOW CORNING WEBSITE  
AT DOWCORNING.COM, OR**

**FROM YOUR DOW CORNING SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CORNING CUSTOMER SERVICE.**

**USABLE LIFE AND STORAGE**

When stored at or below 40°C (104°F) in the original unopened containers, this product has a usable life of 36 months from the date of production.

**PACKAGING INFORMATION**

This product is available in different standard container sizes. Detailed container size information should be obtained from your nearest Dow Corning sales office or Dow Corning distributor.

**LIMITATIONS**

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

**HEALTH AND ENVIRONMENTAL INFORMATION**

To support customers in their product safety needs, Dow Corning has an extensive Product Stewardship organization and a team of Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our website, [dowcorning.com](http://dowcorning.com) or consult your local Dow Corning representative.

**LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY**

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Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

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