

MOLYKOTE® G-1057 Grease

Low-bleed PAO-based damping grease designed to be used for lubrication and noise reduction in industrial assembly, home appliances and automotive body and interior components

Features

- Wide temperature range: -58°F to 302°F (-50°C to 150°C)
- Good compatibility with most plastics
- Low oil bleed
- Good shear stability
- No intentional polytetrafluoroethylene (PTFE) or per- and polyfluoroalkyl substances (PFAS)

Benefits

- Ensures smooth controlled motion
- Reduces separated oil contamination
- Reduces operational noise

Composition

- Polyalphaolefin (PAO) oil
- Lithium soap

Applications

- Industrial assembly and appliance components
- 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 SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION.

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.

Typical properties

Specification writers: These values are not intended for use in preparing specifications. Please contact your local MOLYKOTE® sales representative prior to writing specifications on this product.

Standard ⁽¹⁾	Test	Unit	Result
	Appearance		Semi-transparent
ASTM D217 JIS K 2220	Penetration (worked 60 strokes)		348
	Temperature range	°F (°C)	-58 to 302 (-50 to 150)
ASTM D6184 JIS K 2220	Bleed (24 hrs, 100°C)	%	0.0
ASTM D972 JIS K 2220	Evaporation (22 hrs, 99°C)	%	0.1
ASTM D566 JIS K 2220	Dropping point	°F (°C)	453 (234)
ASTM D130 JIS K 2220	Copper corrosion test (24 hrs, 100°C)		1a
ASTM D2266	4 ball test, wear scar (1,200 rpm, 392 N, 1 hr)	mm	0.83
ASTM D1478 JIS K 2220	Low temperature torque (-40°C)		
	Starting torque	mN*m	83
	Running torque	mN*m	55

⁽¹⁾ASTM: American Society for Testing and Materials. JIS: Japanese Industrial Standard.

Packaging

This product is available in different standard container sizes as shown on molykote.com. Detailed container size information should be obtained from your nearest MOLYKOTE® sales office or MOLYKOTE® distributor.

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