MOLYKOTE® G-1067 Grease

Synthetic grease designed for automotive components

Features & benefits

- Wide temperature range (-50°C to 120°C)
- Compatible with most plastics
- Good lubricant for GFRP (glass-fiber-reinforced plastics)
- No intentional polytetrafluoroethylene (PTFE) or per- and polyfluoroalkyl substances (PFAS)

Composition

- Polyalphaolefin
- Lithium soap
- White solid lubricants

Applications

Automotive rail parts, lubrication of glass-fiber-reinforced plastic parts.

Description

MOLYKOTE® G-1067 Grease is a polyalphaolefin grease designed for automotive body and plastic components.

How to use

Apply using conventional grease application methods (i.e., clean brush and manual or automated dispensing equipment).

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 closed below 40°C in original containers, this product has a usable life of 36 months from the date of production.

Packaging

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

Typical properties

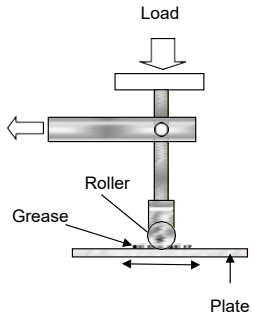
Specification writers: These values are not intended for use in preparing specifications. Please contact your local MOLYKOTE® sales representative prior to writing specifications on this product.

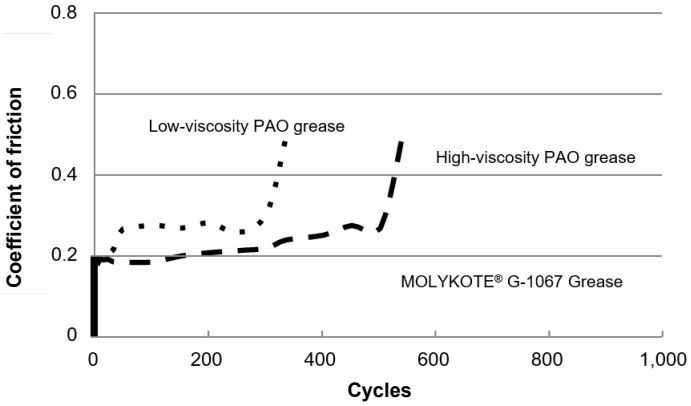
Standard[1]	Test	Unit	Result
	Appearance		White
JIS K 2220	Penetration (worked 60 strokes)		342
	Temperature range	°C	-50 to 120
JIS K 2220	Bleed (24 hrs, 100°C)	%	0.0
JIS K 2220	Evaporation (22 hrs, 99°C)	%	0.1
JIS K 2220	Dropping point	°C	210
JIS K 2220	Copper corrosion test (24 hrs, 100°C)		1a
ASTM D2266	4 ball test, wear scar (1,200 rpm, 392 N, 1 hr)	mm	0.67
JIS K 2220	Low-temperature torque		
	(-40°C) Starting torque	mN*m	46
	Running torque	mN*m	22

[1] JIS: Japanese Industrial Standard. ASTM: American Society for Testing and Materials.

Friction test

Test machine: Oscillating friction tester
Test parts: 30% glass fiber contained PA66 roller
Hot dip galvanizing steel plate
Load: 0.2 kg
Stroke: 40 mm
Speed: 30 cpm
Grease: 0.01 g





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