MOLYKOTE® G-1079 Grease

Noise-reducing, low-friction, low-bleeding PAO grease optimized for actuators

Features

- Wide temperature range (-40°C to 130°C)
- Compatible with most plastics
- Low coefficient of friction
- Noise reduction property
- Zero oil-bleeding

Composition

- Polyalphaolefin oil
- Lithium soap
- Solid lubricants

Applications

MOLYKOTE® G-1079 Grease can be used for lubrication in automotive body and interior components, such as actuators.

How to use

Clean point of application. As is usual with lubricating greases, apply or fill by means of a brush, spatula or automatic lubrication 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, unopened, in a cool, dark place, 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 molykote.com. Detailed container size information should be obtained from 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 times)	mm/10	325
	Service temperature range	°C	-40 to 130
JIS K 2220	Bleed (100°C, 24 hours)	%	0.0
JIS K 2220	Evaporation loss (99°C, 22 hours)	%	0.1
JIS K 2220	Dropping point	°C	210
JIS K 2220	Copper corrosion test (100°C, 24 hours)		1a
ASTM D2266	Four-ball wear scar (1,200 rpm, 392 N, 1 hr)	mm	0.78
JIS K 2220	Low-temperature torque test (-20°C)		
	Starting torque	m Nm	37
	Running torque	m Nm	16
JIS K 2220	Low-temperature torque test (-40°C)		
	Starting torque	m Nm	65
	Running torque	m Nm	27

(1)JIS: Japanese Industrial Standard. ASTM: ASTM International.

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