

# MOLYKOTE® G-1079 Grease

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

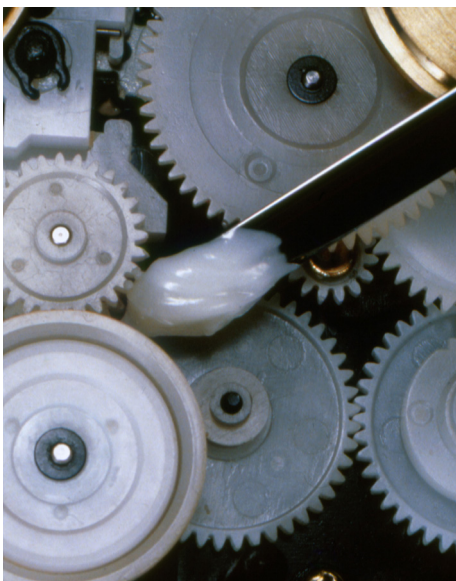
## Reduce noise, friction and wear

MOLYKOTE® G-1079 Grease offers:

- Noise reduction property
- Low coefficient of friction and low wear in different material combinations (e.g., plastic/plastic, plastic/metal, metal/metal)
- Zero oil-bleeding

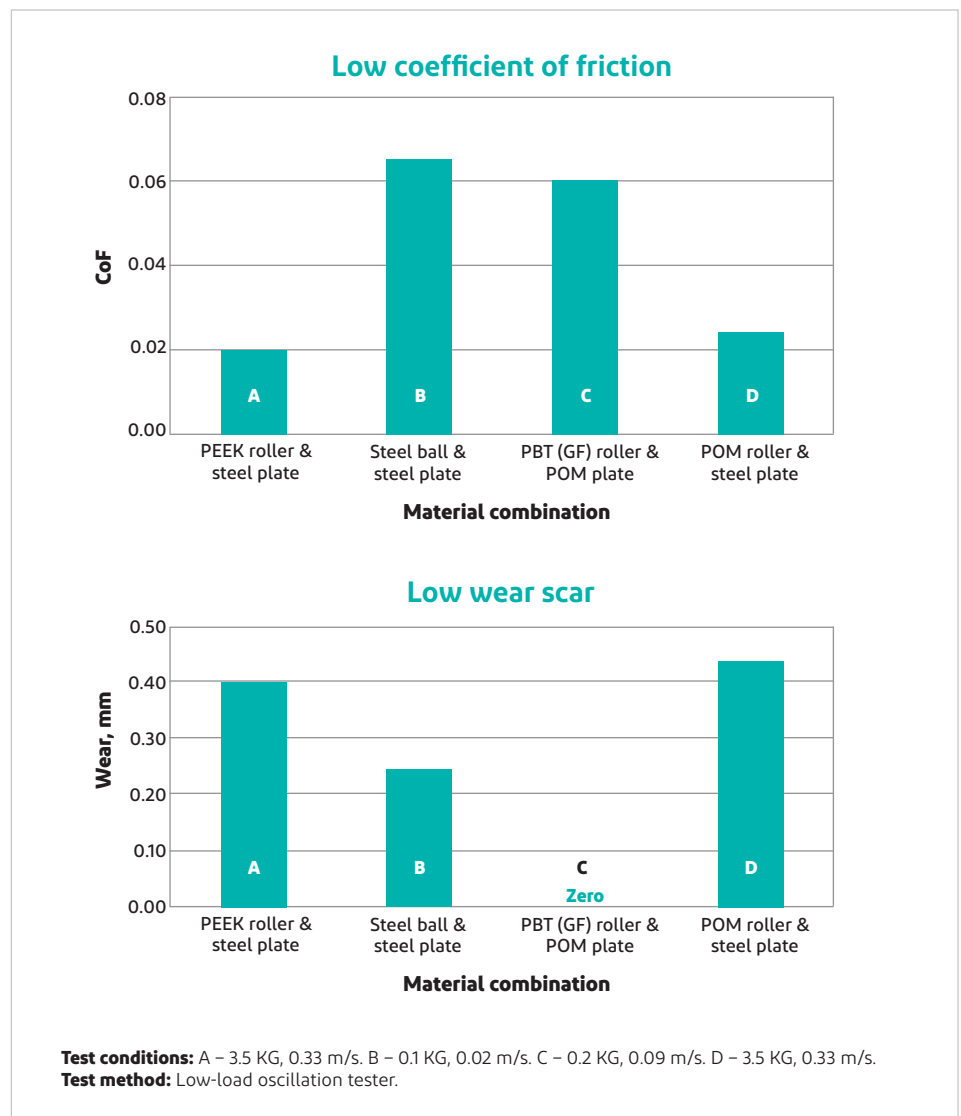
Globally available, MOLYKOTE® G-1079 Grease is optimized for actuators. With a service temperature range of -40 to 130°C, the grease can be used for lubrication in wide variety of actuators in different industries, including automotive, imaging and industrial.

Polyalphaolefin-based MOLYKOTE® G-1079 Grease works well in sliding contact with fast movement/high loads and slow movement/low loads.



## Meeting market needs and trends toward NVH, energy savings

Managing noise, vibration and harshness (NVH) has been important to improving users' comfort in various industries. MOLYKOTE® G-1079 Grease provides reduced noise and excellent lubrication, and it also helps save energy for the electrified vehicles of the future.



## 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 <sup>(1)</sup>	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 hr)	%	0.0
JIS K 2220	Evaporation loss (99°C, 22 hr)	%	0.1
JIS K 2220	Dropping point	°C	210
JIS K 2220	Copper corrosion test (100°C, 24 hr)		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

<sup>(1)</sup>JIS: Japanese Industrial Standard. ASTM: ASTM International.

## Learn more: Contact us

To learn more about MOLYKOTE® G-1079 Grease and how it can help reduce noise, friction and wear in actuators, contact your MOLYKOTE® technical representative or visit [molykote.com](http://molykote.com).

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