

# MOLYKOTE® G-1056, G-1057 and G-1067 Greases

Greases with low-temperature and noise-damping properties

## These noise-damping greases offer:

- Excellent noise reduction and low-temperature performance
- Less stringiness and easy handling for a cleaner manufacturing environment
- Controlled oil separation and bleed for cleaner parts and less staining over time
- Good water washout resistance for extended life in wet applications

## Applications



### Automotive body parts

Slides and guides, actuators, cables



### Home appliances

Moving parts in refrigerators, washing machines, air conditioners

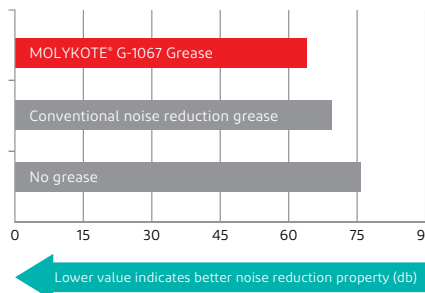


### Office equipment moving parts

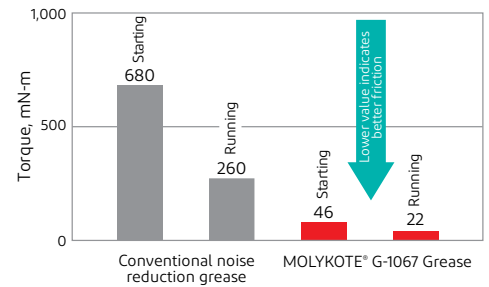
## Outstanding noise reduction property

Conventional noise-damping greases increase operational resistance at low temperature as they use high-viscosity oil to reduce noise. New base oil and additive technology enables these new greases to have lower friction at low temperature and better noise-damping properties at room temperature.

## Noise reduction property comparison



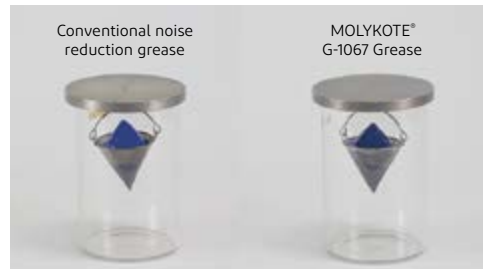
## Good low-temperature property under -40°C



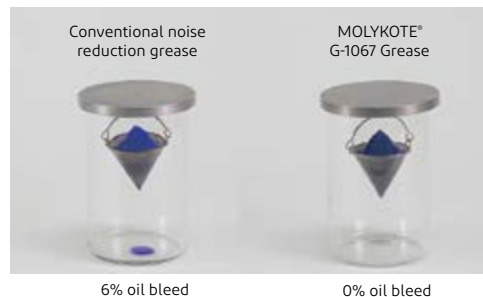
**Test method:** Low-temperature torque test (JIS K 2220).

## Controlled oil separation and bleed

### Before test



### After test (100°C x 24 hours)



**Test method:** Oil bleed (JIS K 2220 100°C x 24 hours) – grease is colored for testing.

## Typical properties

Test and condition		Unit	Test method	MOLYKOTE® G-1056 Grease	MOLYKOTE® G-1057 Grease	MOLYKOTE® G-1067 Grease
Appearance (60 worked, 25°C)		-	Visual observation			
				Yellow	Semi-transparent	White
Penetration		-	JIS K 2220	352	348	342
Bleed (100°C x 24 hrs)		%	JIS K 2220	0.0	0.0	0.0
Evaporation (99°C x 22 hrs)		%	JIS K 2220	0.1	0.1	0.1
Dropping point		°C	JIS K 2220	229	234	210
Copper corrosion test (100°C x 24 hrs)		-	JIS K 2220	1a	1a	1a
Water washout (38°C x 1 hr)		%	JIS K 2220	0.4	0.1	2.5
Low-temperature torque	Starting torque	mN•m	JIS K 2220	70	83	46
	Running torque	mN•m	JIS K 2220	61	55	22
4 ball wear test		mm	ASTM D2266	0.54	0.83	0.67
Bleed test (frosted glass surface, 60°C x 24 hrs)		mm	Internal test	18	20	20

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

## Learn more: Contact us

To learn more about using MOLYKOTE® G-1056 Grease, MOLYKOTE® G-1057 Grease and MOLYKOTE® G-1067 Grease with low-temperature and noise-damping properties, contact your MOLYKOTE® technical representative or visit [molykote.com](http://molykote.com).



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