Transportation & Industrial

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

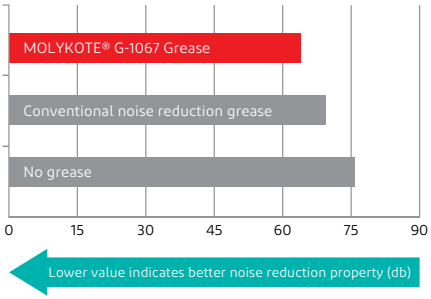
Moving parts in refrigerators, washing machines, air conditioners

Office equipment moving parts

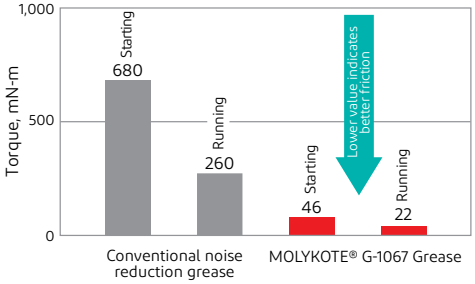
Outstanding noise reduction property

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

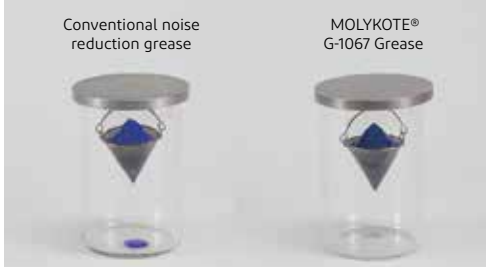


Test method: Low-temperature torque test (JIS K 2220).

Controlled oil separation and bleed

Before test

After test (100°C x 24 hours)



6% oil bleed

0% oil bleed

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

MOLYKOTE®

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**.

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