MOLYKOTE® G-1074 Grease

Polyalphaolefin (PAO) lubricating grease for multiple substrates; excellent noise-damping properties, even under extreme pressure at high frequency

Features & benefits

- Excellent noise-damping performance/properties
- Fortified with additives to work under extreme pressure at high frequency
- Excellent wide temperature performance

Composition

- Polyalphaolefin
- Lithium soap
- PTFE, antioxidants

Applications

Automotive systems, such as chassis and brake, exterior, and interior. Ideal for bearings, gears, slides and mechanical applications requiring low friction and compatibility with common metals, plastics and/or elastomers.

Description

MOLYKOTE® G-1074 Grease is a PAO-based grease for lubricating common metal, plastic and elastomeric substrates. It offers excellent noise-damping properties, even under extreme pressure at high frequency.

How to use

Clean points of application. As is usual with lubricating greases, apply or fill by means of a brush, spatula or automated 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, MOLYKOTE® G-1074 Grease has a usable life of 36 months from the date of production.

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		Translucent white
JIS K 2220	Penetration		280
	Temperature range	°C	-40 to 150
JIS K 2283	Base oil viscosity (40°C)	mm^2/s	53
	Base oil viscosity (100°C)	mm^2/s	8.5
JIS K 5600	Density	g/ml	0.90
JIS K 2220	Bleed (24 hrs, 100°C)	%	3.6
JIS K 2220	Evaporation loss (22 hrs, 99°C)	%	0.1
JIS K 2220	Water washout test (38°C, 1 hr)	%	1.98
JIS K 2220	Dropping point	°C	210
ASTM D2266	4 ball test, wear scar (1,200 rpm, 392 N, 1 hr)	mm	0.69
ASTM D5706	SRV, extreme pressure (50°C, 50 Hz, 1 mm, Procedure A)	N	1,000
JIS K 2220	Low-temperature torque (-40°C)		
	Starting	mNm	99
	Running	mNm	50

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

Packaging

This product is available in 1 kg cans (10 cans/case) and 16 kg pails.

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