MOLYKOTE® G-56 Grease

Lithium soap silicone grease with solid lubricants for plastic/plastic and metal/plastic lubrication

Features

- Compatibility with many plastics
- Broad service temperature range
- Good lubrication for plastics

Composition

- Silicone oil
- Lithium soap
- Solid lubricants and additives

Applications

- Suitable for plastic/plastic and plastic/metal lubrication
- Control cables, sliding parts

How to use

MOLYKOTE® G-56 Grease is easy to apply. First, clean the surface to be lubricated. Then, apply the grease using a brush, a spatula, a grease gun or an automatic lubricating device. During longer production interruptions (e.g., overnight), release pressure from the pump system. Do not mix MOLYKOTE® G-56 Grease with other greases. Before using the product, compatibility tests with plastics should be carried out for swelling and shrinkage, stress cracking, changes in strength and hardness.

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 between 0°C and 40ºC in the original unopened containers, this product has a usable life of 60 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
	Color		Off-white
DIN 51818	NLGI Consistency class		1-2
ISO 2137	Worked Penetration	mm/10	280-340
	Service Temperature range	ºC	-40 to 180
ISO 2176	Drop point	ºC	> 200
DIN 51 817	Bleed, 24H/150ºC	%	≤ 5%
DIN 51 817	Evaporation, 24H/150ºC	%	≤ 2%
DIN 51 562	Base oil viscosity at 25ºC	cst	350
ASTM D1478-80	Low temperature toque test at -40ºC		
	Starting torque	$Nm*10^{-3}$	44.3
	Running torque	$Nm*10^{-3}$	5.9

[(1)]DIN: Deutsche Industrie Norm. ISO: International Standardization. ASTM: American Society for Testing and Materials.

Packaging

This product is available in different standard container sizes. Detailed container size information should be obtained from your nearest MOLYKOTE® sales office or MOLYKOTE® distributor.

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