

MOLYKOTE® G-5025 Grease

Lithium-complex-thickened silicone grease with anti-wear/extreme pressure additives

Features

- Silicone grease
- Lithium complex thickener
- Chlorine free

Benefits

- Wide service-temperature range
- Good anti-wear properties, especially in over-running clutches
- Extending life of components
- Resistance to oxidation and moisture

Composition

- Silicone base oil
- Lithium complex thickener
- Anti-wear and extreme pressure additives

Applications

Over-running clutches in automotive starter motors.

Description

MOLYKOTE® G-5025 Grease is designed for lubrication of over-running clutches in starter motors. Its high performance at a wide temperature range makes MOLYKOTE® G-5025 Grease suitable for starter motors with increasing durability requirements of the automotive industry.

How to use

Clean points of lubrication. Apply grease in the normal way by using a brush, spatula or automatic filling 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 closed below 25°C in original containers, this product 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
	Color		Yellow
DIN 51818	Consistency NLGI class		1-2
DIN ISO 2137	Worked penetration	mm/10	295-325
IP 396-02	Dropping point	°C	248
CTM 0033A	Bleed (150°C, 24 h)	%	2.68
CTM 0033A	Evaporation (150°C, 24 h)	%	3.62
DIN 51805	Flow pressure (-40°C)	mbar	< 500
DIN 51802	Emcor (7d, distilled water)		0
Four-ball-tester:			
DIN 51 350 pt.5	Wear scar (1,000 N, 60s)	mm	1.0
DIN 51 350 pt.4	Weld load	N	4,400
	Service temperature range	°C	-40 to +180

⁽¹⁾DIN: Deutsche Industrie Norm. ISO: International Standardization Organization. IP: Institute of Petroleum. CTM: Corporate Test Method; copies of CTM's are available on request.

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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