

# **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 overrunning 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 <sup>(1)</sup>	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

<sup>(1)</sup>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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