

Product Information

High Performance Lubricants

DOW CORNING

Molykote[®] G-5025 Grease

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

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

APPLICATIONS

- Over-running clutches in automotive starter motors

TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales office or your Global Dow Corning Connection before writing specifications on this product.

Test*	Property	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, 24h)	%	2.68
CTM 0033A	Evaporation (150°C, 24h)	%	3.62
DIN 51805	Flow pressure (-40°C)	mbar	< 500
DIN 51802	Emcor (7d, distilled water)		0
	Four-ball-tester:		
DIN 51350, pt5	Wear scar (1000N, 60s)	mm	1.0
DIN 51350, pt4	Weld load	N	4400
	Service temperature range	°C	-40 to +180

*DIN: Deutsche Industrie Norm.

ISO: International Standardization Organization.

IP: Institute of Petroleum.

CTM: Corporate Test Method, copies of CTM's are available on request.

DESCRIPTION

Molykote[®] G-5025 Grease is designed for lubrication of over-running clutches in starter motors. Its high performance at 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 PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET IS AVAILABLE ON THE DOW CORNING WEB SITE AT DOW CORNING.COM, OR FROM YOUR DOW CORNING SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CORNING CUSTOMER SERVICE.

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.

PACKAGING INFORMATION

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

LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

HEALTH AND ENVIRONMENTAL INFORMATION

To support Customers in their product safety needs, Dow Corning has an extensive Product Stewardship organization and a team of Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our Website, dowcorning.com or consult your local Dow Corning representative.

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

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Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

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