



***Molykote*[®] G-1074 Grease**

FEATURES & BENEFITS

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

COMPOSITION

- Polyalphaolefin
- Lithium soap
- PTFE, anti-oxidants

Molykote[®] G-1074 Grease is a Polyalphaolefin (PAO) lubricating grease for multiple substrates with excellent noise dampening properties, even under extreme pressure at high frequency.

APPLICATIONS

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

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
	Appearance		Translucent White
JIS K2220	Penetration		280
	Temperature range	°C	-40 to 150
JIS K2283	Base oil viscosity (40°C)	mm ² /s	53
	Base oil viscosity (100°C)	mm ² /s	8.5
JIS K5600	Density	g/ml	0.90
JIS K2220	Bleed (24 hrs, 100°C)	%	3.6
JIS K2220	Evaporation loss (22 hrs, 99°C)	%	0.1
JIS K2220	Water wash-out test (38°C, 1 hr)	%	1.98
JIS K2220	Dropping point	°C	210
ASTM D2266	4 ball test, war scar (1200 rpm, 392 N, 1 hr)	mm	0.69
ASTM D5706	SRV, Extreme pressure (50°C, 50 Hz, 1 mm, Procedure A)	N	1000
JIS K2220	Low temperature torque (-40°C), starting	mNm	99
	Low temperature torque (-40°C), running	mNm	50

*JIS: Japanese Industrial Standard; ASTM: American Society for Testing and Materials.

DESCRIPTION

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

HOW TO USE

Clean points of applications. 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 PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE ON THE DOW CORNING WEBSITE AT DOWCORNING.COM, OR FROM YOUR DOW CORNING SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CORNING CUSTOMER SERVICE.

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.

PACKAGING INFORMATION

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

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.

Dow Corning's sole warranty is that our products will meet the sales specifications in effect at the time of shipment.

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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