

## MOLYKOTE® G 67 EXTREME PRESSURE GREASE

### FEATURES

- ◆ Excellent protection against fretting corrosion
- ◆ Good load carrying capacity
- ◆ High level of protection against wear
- ◆ Particularly adhesive

### COMPOSITION

- ◆ Mineral oil
- ◆ Lithium soap
- ◆ Adhesion improver
- ◆ Solid lubricants

### APPLICATION

- ◆ Spur gear systems, load chains, settling shims, springs, shaft-hub connection, encapsulated joints, gears, linear motion guides.

### TYPICAL PROPERTIES

Specifications writers: These values are not intended for use in preparing specifications. Please contact Dow Corning GmbH, Wiesbaden, Germany before writing specifications on this product.

Standard*	Test	Units	Result
	Colour		Beige
	<b>Penetration, density, viscosity</b>		
DIN 51 818	NLGI consistency class		1
ISO 2137	Worked penetration	mm/10	310-340
ISO 2811	Density at 20°C	g/ml	1.12
DIN 51 562	Base oil viscosity at 40°C	mm <sup>2</sup> /s	115
	<b>Temperature</b>		
	Service temperature	°C	-25 to +120
ISO 2176	Drop point	°C	155
	<b>Load-carrying capacity, wear protection, service life</b>		
	Four-ball tester (VKA)		
DIN 51 350 T.4	Weld load	N	4800
DIN 51 350 T.5	Wear scar under 600N load	mm	0.75
	Almen-Wieland machine, OK load	N	20000
	Fretting corrosion - Deyber tester		>36x10 <sup>6</sup>
	<b>Resistance</b>		
DIN 51 808	Oxidation resistance, pressure drop 100h, 99°C	bar	2.5
	<b>Corrosion protection</b>		
DIN 51 802	Emcor method		0-1
	<b>Coefficient of friction</b>		
	Steel ball against plastic surface (POM)		
	Ø ball = 12.7mm, load = 6.3N, v = 10mm/s, 24h	μ	0.08
	<b>Oil separation - evaporation</b>		
DIN 51 817	Oil separation - standard test	%	4.3
Fed-Standard 791-32-2	7 days, 40°C		

\* ISO: International Standardisation Organisation  
DIN: Deutsche Industrie Norm

## HOW TO USE

### How to apply

Clean points of contact. Apply in same way as lubricating greases, using brush, spatula, grease-gun or automatic lubricating device. Suitable for delivery by central lubricating system. In the event of long breaks in service e.g. overnight, the pressure in the delivery equipment should be relieved. Not to be mixed with other greases.

Because of variation in quality of plastics and elastomers, compatibility tests should be carried out for swelling and shrinkage, stress-crack formation, and changes in strength and hardness.

### HANDLING PRECAUTIONS

A Product Safety Data Sheet should be obtained from your nearest Dow Corning sales office prior to use.

ATTENTION: Before handling, read product information, Product Safety Data Sheets and container labels for safe use, and any physical and/or health hazard information.

### USABLE LIFE AND STORAGE

When stored at or below 20°C in the original unopened containers this product has a usable life of 60 months from the date of production.

Dow Corning will guarantee the usable life of this product until the date indicated on the packaging. This date is shown by the letters "EXP" (meaning Expiry) followed by 4 digits, which stand for the month (last digit) and year. Example: "EXP 03/99"

means use by 31 March 1999.

### PACKAGING INFORMATION

This product is available in 1kg cans, 400g cartridges and 5kg drums.

### LIMITATIONS

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

### HEALTH AND ENVIRONMENTAL INFORMATION

Dow Corning's Health, Environment and Regulatory Affairs (HERA) Department is available to support customers for their product safety needs. For further information, you can contact this group at:

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