

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

Applications

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

How to use

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

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 at or below 20°C in the original unopened containers, this product has a usable life of 60 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		Beige
Penetration, density, viscosity			
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	mm²/s	115
Temperature			
	Service temperature	°C	-25 to +120
ISO 2176	Drop point	°C	155
Load-carrying capacity, wear protection, service life			
	Four-ball tester (VKA)		
DIN 51 350 T.4	Weld load	N	4,800
DIN 51 350 T.5	Wear scar under 600 N load	mm	0.75
	Almen-Wieland machine, OK load	N	20,000
	Fretting corrosion - Deyber tester	cycles	>36x10 ⁶
Resistance			
DIN 51 808	Oxidation resistance, pressure drop 100 h, 99°C	bar	2.5
Corrosion protection			
DIN 51 802	Emcor method		0-1
Coefficient of friction			
	Steel ball against plastic surface (POM) Ø ball = 12.7 mm, load = 6.3 N, v = 10 mm/s, 24 h	μ	0.08
Oil separation - evaporation			
DIN 51 817 Fed-Standard 791-32-2	Oil separation - standard test 7 days, 40°C	%	4.3

⁽¹⁾DIN: Deutsche Industrie Norm. ISO: International Standardization Organization.

Packaging

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

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