

Product Information
High Performance
Lubricants

DOW CORNING

***Molykote*[®] G-407**
Anti-Fretting Grease

FEATURES

- Wide Service Temperature Range (-40° C to +150°C)
- Resistant to Oxidation

BENEFITS

- Good Corrosion Protection
- Good Elastomer Compatibility

Anti-Fretting Grease

APPLICATIONS

- Automotive brake caliper mounting pin lubrication
- Lubricant for metal/metal pairings

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.

Property	Value
Color	Green
Service Temperature Range, °C (°F)	-40 to 150°C (-40 to 302°F)
Penetration, unworked (ASTM D 217)	265 - 305
Penetration, worked 60 strokes (ASTM D 217)	265 - 305
Specific Gravity (@25°C)	1.00 +/- 0.10
Bleed, 24 hr/150°C (302°F) (Fed Std 791, Method 321.1), percent	< 5%
Evaporation, 24 hr/150°C (302°F) (Fed Std 791, Method 321.1), percent	< 5%
Dropping Point (ASTM D 566)	>230°C (446°F)
Corrosion Protection, 120 hr/0.23 mm thk. (ASTM B 117)	no rust
Low Temperature Torque (ASTM D 1748), gf-cm	
-20°C, Starting	2000 max.
Running	800 max.
Elastomer Compatibility, 120°C/72 hr (Fed Std 791a, Method 3603.4)	
EPDM, % volume swell	3.0% max.

DESCRIPTION

Molykote[®] G-407 is a polyalkylene glycol (PAG) based grease designed to be used as a lubricant and corrosion protectant for metal-to-metal applications (e.g., guide pins) in automotive brake calipers. The grease has an operating temperature range of -40 to 150°C (-40 to 302°F)

HOW TO USE

Molykote[®] G-407 Anti-Fretting Grease can be applied by hand (i.e., brushing or wiping), by grease gun, or by automated equipment.

HANDLING PRECAUTIONS

Product safety information required for safe use is not included. Before handling, read product and 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 website at www.dowcorning.com. You can also obtain a copy from your local Dow Corning sales representative or Distributor or by calling your local Dow Corning Global Connection.

USABLE LIFE AND STORAGE

Molykote[®] G-407 has a shelf life of 60 months when kept in its original sealed container.

PACKAGING

Molykote[®] G-407 is supplied in 18.1 kg (40 lb) pails and 180 kg (397 lb) drums.

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, www.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 Dow Corning's 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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