

# Product Information

## High Performance Lubricants

# *Molykote*<sup>®</sup> Longterm 2/78G Grease

### FEATURES

- High load carrying capability.
- Wide service temperature range (-35°C to 130°C).
- Resistant to oxidation

### BENEFITS

- Good corrosion protection
- Long term lubrication

### APPLICATIONS

- Designed for plain and anti-friction bearings as well as other grease-lubricated machine elements such as guides, splined shafts, and small gear units operating at slow speeds.

### 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	black
Penetration, worked 60, mm/10	265 - 295
Specific Gravity @ 25°C	0.901
Base Oil Viscosity (@ 40°C)	105 cst.
Dropping Point	184°C
Oil Separation	4.0%
Kesternich Flow Pressure	
@ +20°C	120 mbar
@ -35°C	>2000 mbar
Oxidation Resistance Pressure Drop (99°C, 100 hours)	7.25 psig
SKF-Emcor Method - degree of corrosion	0

### DESCRIPTION

*Molykote*<sup>®</sup> Longterm 2/78G is a mineral oil, lithium/zinc soap grease containing specially formulated solid lubricants plus oxidation and corrosion inhibitors.

### HOW TO USE

Clean load bearing surfaces. Apply grease in normal way using brush, grease gun, or automatic lubricating system. *Molykote*<sup>®</sup> Longterm 2/78G can be used in centralized lubrication systems.

## 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](http://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*<sup>®</sup> Longterm 2/78G has a shelf life of 60 months when kept in its original sealed container at temperatures above -18°C (0°F).

## PACKAGING

*Molykote*<sup>®</sup> Longterm 2/78G is supplied in 180 kg (396 lb) drums (US & Europe).

## 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](http://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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