



# High Performance Lubricants

# MOLYKOTE® PolyUrea 3 Grease

**Description:** Molykote PolyUrea 3 Grease is a High Performance Long Life multi-purpose grease designed for effective lubrication of bearings, bushings, brake calliper pins in conditions of high load, high temperatures and ingress of splash water.

**Application:** Most suitable in applications subjected to high temperatures, water ingress, low to moderate loads and low to high speeds.

Can be used in any kind of roller and plain bearings. Brake systems of transport vehicles, handle thrust bearing of two wheelers and wheel bearing applications.

## FEATURES

- ◆ High Dropping point to address high temperatures Range -10 to + 160 °C
- ◆ Excellent water Resistance.
- ◆ Very Good Anti Wear Properties.
- ◆ Very Good Anti Rust Properties

## COMPOSITION

- ◆ High Quality mineral Oil.
- ◆ Polyurea thickener
- ◆ Performance additives.

## TYPICAL PROPERTIES

These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales representative prior to writing specifications on this product.

Property	Test Method	Unit	Results
Color.	Visual		Light Brown
NLGI Consistency			No 3.
Penetration (worked 60 strokes).	ASTM D217.	0.1mm	220-250
Water Wash out at 79 Deg C 1 hr % loss.	ASTM D1264.	%	<3
Drop Point	ASTM D566.	Deg C	>260
Emcorr Rust Test (Dynamic Test).	IP 220.	Rating	0/0
4 Ball Wear Scar	ASTM D 2266	mm	<0.9

## HOW TO USE

Clean points of lubrication. As is usual with lubricating greases, apply by means of brush, spatula, or automatic filling device. Do not mix with other greases.

## 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 with your local Dow Corning sales representative or Distributor or by calling your local Dow Corning Global Connection.

## USABLE LIFE AND STORAGE

When stored in the original unopened containers, this product has a usable life of 36 months from the date of production.

## PACKAGING

This product is available in 180 kg Barrel packing 25 & 50 kg pails.

## 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.molykote.com](http://www.molykote.com) or consult your local Dow Corning representative.

## LIMITATIONS

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

## 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

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