

Specialty Lubricants

MOLYKOTE® Food Grade EP Bearing greases

FEATURES

- Excellent lubricating properties
- Good resistance to water washout
- High load carrying capacity
- Compatible with many plastics and elastomers
- Meets FDA Regulation 21 CFR 178.3570 and USDA H1 classifications for incidental food contact
- Odorless and tasteless
- Contains microbicides to inhibit bacterial and fungal growth
- Available in NLGI consistency classes 0, 1 and 2

COMPOSITION

- Mineral oil
- Aluminum complex thickener
- EP/AW additive
- Solid lubricants

Multi purpose mineral oil greases

APPLICATIONS

- Lubrication of mechanical components in food and beverage processing equipment.
- Suitable for lubrication points with low-to-high loads, moderate-to-high temperatures and moderate-to-high speed applications.

TYPICAL PROPERTIES

Specification writers: 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.

ASTM*	Property	Unit	Value
	Color		Clear marble
	Consistency, Density, Viscosity		
DIN 51 818	NLGI consistency class		0, 1, 2
ISO 2811	Density at 20°C (68°F)	g/ml	0.89
DIN 51 562	Base oil viscosity at 40°C (104°F)	mm ² /s	100
	Temperature		
	Service temperature range	°C	-25 to +150
		°F	-13 to +302
	Drop point	°C	>250
		°F	>482
	Load Carrying Capacity, Wear Protection, Speed		
DIN 51 350	Four-ball tester (VKA), weld load	N	2,000
	DN value	mm/min	350,000
	Corrosion protection		
DIN 51 802	SKF-Emcor method		0
ASTM D1264	Water wash-out test	%	<3

* ASTM: American Society for Testing and Materials.

ISO: International Standardisation Organisation.

DIN: Deutsche Industrie Norm.

DESCRIPTION

MOLYKOTE Food Grade EP Bearing Greases are high-performance greases with highly refined mineral oil base. They are thickened with an aluminum complex and contain white solid lubricants. They can be used to lubricate bearings, gears, chains and sliding mechanisms in food processing machinery.

HOW TO USE

Clean points of contact. MOLYKOTE Food Grade EP Bearing Greases can be applied by hand packing, hand operated grease guns, automatic greasing equipment and central lubricating systems. When lubricating antifriction bearings, follow the bearing manufacturer's instructions. With plain bearings, the new grease should be pumped in until all of the old grease has been expelled.

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

When stored at or below 23°C (73°F) in the original unopened containers, these products have a usable life of 24 months from the date of production.

PACKAGING

These products are available in different standard container sizes. Detailed container size information should be obtained from your nearest Dow Corning Sales Office or Dow Corning Distributor.

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 customers' 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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