

Specialty Lubricants

MOLYKOTE® 44M Grease

This grease can be used in a broad range of temperatures, and, in particular, can be used on high temperature bearings

FEATURES

- Low evaporation
- Superior oxidation resistance
- Broad range of service temperatures
- Superior low-temperature characteristics
- Compatible with most plastics
- Water resistant

COMPOSITION

- Silicone oil
- Lithium soap

APPLICATIONS

- Ideally suited for use on bearings in oven fans, textile dryers, conveyors, kiln preheaters, etc. Also for use on clutch release bearings for automobiles, plastic parts, and so forth.

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.

Standard*	Parameter	Unit	Value
	Appearance		Reddish brown
	Base oil viscosity at 25°C	mm ² /s	125
JIS K 2220	Penetration (worked 60 times)	mm/10	240 to 280
	NLGI class		2 to 3
	Service temperature range	°C	-40 to 200
	Density	g/cm ³	1.0
JIS K 2220	Drop point	°C	204
MIL S 8660	Bleed (150°C/24 hours)	%	2.5
MIL S 8660	Evaporation (150°C/24 hours)	%	2.0
JIS K 2220	Oxidation stability (99°C/500 hours)	MPa	0.01
JIS K 2220	Resistance (38°C/1 hour)	%	0.5
	Maximum Dn value	mm/minute	300,000

*JIS: Japanese Industrial Standard.

MIL: Military Specification and Standards.

HOW TO USE

Clean points of application. As is usual with lubricating greases, apply or fill by means of a brush, spatula, or automatic lubrication device.

HANDLING PRECAUTIONS

This product may irritate the skin or eyes. Wear safety equipment as necessary when handling this product. In the event of contact with skin or eyes, immediately rinse thoroughly with water and seek medical care if necessary. Wash hands thoroughly after handling.

Do not use on painted surfaces

USABLE LIFE AND STORAGE

When stored, unopened in a cool, dark place this product, has a usable life of 36 months from the date of production.

PACKAGING

This product is available in 1 and 5kg cans

CAUTION

1. Data included in this document are average values, not specification values. Any applications for this product given in this document are merely examples. Perform thorough evaluations to confirm functionality, effectiveness, and safety before use.
2. No guarantees are made that the applications described in this document are free from infringements of any patent.
3. This product was developed for industrial use, and is not intended for use in medical equipment, pharmaceutical products, etc.
4. Be sure to read the material safety data sheet (MSDS) and container label for this product before use.
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