

Product Information

Specialty Lubricants

DOW CORNING

Molykote®

G-0050 FG/G-0051FG/G-0052FG

White E.P. Bearing Grease

FEATURES

- Excellent lubricating properties
- Good resistance to water washout
- High load carrying capacity
- Compatible with many plastics or elastomers
- Meets FDA Regulation 21 CFR 178.3570 and H1 classification for incidental food contact
- Available in NLGI consistency class 0, 1 and 2

COMPOSITION

- Mineral oil
- Aluminum complex thickener
- EP/AW additives

Multi purpose food grade grease

APPLICATIONS

- Multi purpose lubrication of mechanical components such as bearings, chains, gears and slides in food and beverage processing facilities.

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.

Test	Property	Unit	G-0050	G-0051	G-0052
	Color		White	White	White
DIN 51818	NLGI Consistency		0	1	2
ASTM D217	Penetration	mm/10	370	325	280
ISO 2811	Density at 20°C	g/ml	0.89	0.89	0.89
ASTM D 445	Viscosity @ 40°C	cst	70	70	115
	Service temperature	°C	-17 to +150	-17 to +150	-12 to +150
		°F	0 to +302	0 to +302	0 to +302
ASTM D2265	Drop point	°C	216	232	246
		°F	420	450	475
ASTM D2596	Four-ball weld load	N	2940	2940	2940
ASTM D2266	Four-ball wear scar	mm	0.8	0.8	0.8
ASTM D1264	Water wash-out, 175°F	%	15	10	8
Fed 791	Oil bleed, 24 hrs @ 100°C	%	5	3	3
Fed 791	Oil evaporation, 24 hrs @ 100°C	%	2.0	2.0	2.0

ASTM: American Society for Testing and Materials

ISO: International Standardization Organization

DIN: Deutsche Industrie Norm

HOW TO USE

Clean points of contact. Molykote® White E.P. Bearing Grease can be applied by hand packing, hand operated grease gun, automatic greasing systems and central lubricating systems. When lubricating antifriction bearings, follow the bearing manufacturers instructions. For plain bearings the new grease should be pumped in until old grease is flushed from system.

DESCRIPTION

Molykote® White E.P. Bearing Greases are high performance lubricants designed for the food and beverage industry. They are a mineral based lubricant thickened with aluminum complex and fortified with EP additives. Applications include bearings, gears, chains and sliding mechanisms in manufacturing processes. They are an excellent choice where NSF H1 status lubricant is required or when the product must be free of black particle contamination.

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.

USABLE LIFE AND STORAGE

When stored at or below 32°C (90°F) in the original unopened container, this product has a usable life of 60 months from date of production

PACKAGING

This product is available in cartridges, pails and 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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