MOLYKOTE® G-2008 Synthetic Tool Gear Grease

Long-life, high-speed synthetic grease featuring a synergistic combination of lubricating solids

Features & benefits

- Wide service-temperature range
- Compatible with many plastics and elastomers
- Fully synthetic, low-viscosity base oil
- Dark gray color
- Increased efficiency of gears
- Reduced frictional heat
- Longer lubricant and tool life

Composition

- Lithium thickener
- Synthetic (PAO) base oil
- Solid lubricants

Applications

- High-speed gears, including planetary, worm, spur and helical gears, especially in compatible power tools and drills
- High-shear applications, including cables, gears and some bearings

Description

MOLYKOTE® G-2008 Synthetic Tool Gear Grease is a high-performance specialty grease that combines the benefits of a wide operating-temperature range and broad compatibility with various materials. MOLYKOTE® G-2008 Grease features a synthetic base oil thickened with lithium thickener and fortified with a synergistic combination of carefully selected advanced-technology lubricating solids. The formulation helps reduce heat from frictional contact and shear. Improvements in efficiency result from reduction of friction, shear and wear.

How to use

Apply using conventional grease application methods (e.g., clean brush, grease gun, or manual or automated dispensing equipment).

Typical properties

Specification writers: These values are not intended for use in preparing specifications. Please contact your local MOLYKOTE® sales representative prior to writing specifications on this product.

Standard[1]	Test	Unit	Result
	NLGI Consistency		2
ASTM D217	Penetration at 25°C (W/60)	mm/10	260-300
ASTM D445	Base oil viscosity, 40°C	cSt	30
ASTM D2265	Dropping point	°C	>200
ASTM D2266	4-ball wear, 40 KG, 1,200 RPM, 1 hr, 75°C	mm	<0.55
CTM 0033A	Oil bleed, 24 hr, 100°C	wt%	<5.0
CTM 0033A	Oil evaporation, 24 hr, 100°C	wt%	<1.0

[1]ASTM: American Society for Testing and Materials. CTM: Corporate Test Method; copies of CTMs are available on request.

Handling precautions

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION.

Usable life and storage

When stored at or below 40°C in the original unopened containers, MOLYKOTE® G-2008 Grease has a usable life of 18 months from the date of production.

Packaging

This product is available in different standard container sizes. Detailed container size information should be obtained from your nearest MOLYKOTE® sales office or MOLYKOTE® distributor.

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