

Product Information

Specialty Lubricants

DOW CORNING

Molykote[®] G-2088 Synthetic High Speed Gear Grease

FEATURES & BENEFITS

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

COMPOSITION

- Lithium Thickener
- Synthetic (PAO) Base Oil
- Solid Lubricants

Long life, high speed synthetic grease featuring an effective combination of lubricating solids

APPLICATIONS

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

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	Result
	NLGI Consistency		2-3
ASTM D 217	Penetration at 25°C (W/60)	mm/10	260-300
ASTM D 445	Base oil viscosity, 40°C	cSt	32
ASTM D 2265	Dropping point	°C	>185
ASTM D 2266	4-Ball wear, 40KG, 1200 RPM, 1 hour, 75°C	mm	<0.55
CTM 0033A	Oil bleed, 24 hrs, 100°C	wt %	<5.0
CTM 0033A	Oil evaporation, 24 hrs, 100°C	wt %	<1.0

*ASTM: American Society for Testing and Materials.

CTM: Corporate Test Method, copies of CTM's are available on request.

DESCRIPTION

Molykote[®] G-2088 Synthetic High Speed Gear Grease is a high performance specialty grease that combines the benefits of wide operating temperature range and broad compatibility with various materials.

Molykote[®] G-2088 Grease features a synthetic base oil thickened with lithium thickener and fortified with an effective 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, i.e., clean brush, grease gun and manual or automated dispensing equipment.

HANDLING PRECAUTIONS

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND MATERIAL 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 DOW CORNING.COM, OR FROM YOUR DOW CORNING SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CORNING CUSTOMER SERVICE.

USABLE LIFE AND STORAGE

When stored at or below 40°C in the original unopened containers, *Molykote*[®] G-2088 Grease has a usable life of 36 months from the date of production.

PACKAGING INFORMATION

Molykote[®] G-2088 Grease is available in 180 KG drums. Detailed container 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, 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 our 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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