

Molykote® G-4000 FG Semi-Fluid Synthetic Grease

FEATURES

- Wide Service Temperature Range
- Multi-Purpose Capabilities
- Broad Compatibility
- Fully Synthetic Base Oil
- White Color

BENEFITS

- Formulated to provide higher load carrying capacity, greater wear resistance and longer service life compared to conventional petroleum-based lubricants
- Provides good compatibility with most industrial and engineering substrates including many plastic and rubber materials
- Low consistency formulation allows use in automatic dispensing systems
- H1 approved by NSF

COMPOSITION

- Aluminum Complex Thickener
- PolyAlphaOlephin (PAO) base oil
- Fortified with polytetrafluoroethylene (PTFE) and other lubricating solids

NLGI #00 white grease, meets FDA regulation 21 CFR 178.3570 as a lubricant with incidental food contact

APPLICATIONS

- General Purpose Semi-fluid Consistency White Synthetic Grease can be used in rolling element and plain bearings, cams, guides, ways, and other machine elements
- Suitable for use in gearboxes

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.

CTM*	ASTM*	Property	Unit	Value
	D 445	Base Oil Viscosity at 104°F (40°C)	cSt	220
	D 217	Penetration at 77°F (25°C), mm/10 (W/60)	mm	410-440
	D 2265	Dropping Point, °F (°C), min		450 (232)
033A	D 2266	Four Ball Wear, 40kg, 1200 rpm, 75°C	mm	0.60
	D 2596	Four Ball EP, Weld Load, min	Kg	315
	D 2509	Timken OK Load, min Temperature Range, estimated, °F (°C)	lb (KG)	40 (88) -40 to 300 (-40 to 149)

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

HOW TO USE

Apply using conventional grease application methods, i.e., clean brush, and manual or automated dispensing equipment.

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 40°C (104°F) in the original unopened containers, this product has a usable life of 60 months from the date of production.

PACKAGING

This product is available in 5kg, 50kg, and 180kg 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.

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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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