

Product Information

Specialty Lubricants

DOW CORNING

Molykote[®] G-1502FG Synthetic Bearing & Gear Grease

FEATURES

- Food grade, NLGI #2.5 white grease
- NSF H1 approved. Meets FDA regulation 21 CFR 178.3570 for incidental food contact applications
- Fully synthetic base oil
- Excellent adhesion and resistance to water wash-out and spray off
- Excellent shear stability

BENEFITS

- Wide service temperature range
- Formulated to provide higher oxidation resistance, corrosion protection, load carrying capability and longer service life than conventional lubricants
- Provides good compatibility with most industrial and engineering substrates including many plastic and rubber materials

COMPOSITION

- Aluminum complex thickener
- ISO 220 100% Polyalphaolephin (PAO) base oil
- Fortified with carefully formulated synergistic combination of lubricating solids

APPLICATIONS

- Suitable for applications where tacky grease is preferred or required such as chains, cams, open gears, valves and sprockets where water wash off is problematic or grease sling-off cannot be tolerated.

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.

ASTM**	Property	Unit	Value
D 445	Base Oil Viscosity at 104°F (40°C)	c	220
D 44	Base Oil Viscosity at 212°F (100°C)	cSt	25.2
D 2270	Viscosity Index		145
D 217	Penetration, Unworked, 77°F mm (25°C), mm/10	mm	255
D 217	Penetration, Worked, 77°F (25°C), mm/10 (W/60)	mm	250
D 226	Dropping Point, °F (°C), min		520 (271)
D 266	Four Ball Wear, 40kg, 1200 rpm, 75°C, max	mm	0.60
D 2596	Four Ball EP, Weld Load, min	Kg	500
D 2509	Timken OK Load, min	lb (KG)	50 (110)
	Temperature Range, estimated,	°F	-40 to 300
		°C	-40 to 149
D 143	Rust Test		PASS
D 4048	Copper Corrosion		1B
	Color		White

**ASTM: American Society for Testing and Materials.

HOW TO USE

Apply Molykote[®] G-1502FG Synthetic Bearing & Gear Grease 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 Web site at 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 INFORMATION

This product is available in standard industrial container sizes. For details, please refer to your Dow Corning sales office.

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 Web site, 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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