

MOLYKOTE® G-1502 FM Synthetic Bearing & Gear Grease

Features

- NSF H1 approved; meets FDA regulation 21 CFR 178.3570 for incidental food contact applications
- NLGI# 2-3 white grease
- Fully synthetic base oil
- Excellent adhesion and resistance to water washout and spray-off

Benefits

- Wide service-temperature range
- Formulated to provide higher oxidation resistance, corrosion protection, and 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% polyalphaolefin (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.

How to use

Apply MOLYKOTE® G-1502 FM Synthetic Bearing & Gear Grease using conventional grease application methods (e.g., clean brush and manual or automated dispensing equipment).

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.

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
	Color		White
ASTM D445	Base Oil Viscosity at 104°F (40°C)	cSt	220
ASTM D445	Base Oil Viscosity at 212°F (100°C)	cSt	25.2
ASTM D2270	Viscosity Index		145
ASTM D217	Penetration, Unworked, 77°F (25°C)	mm/10	255
ASTM D217	Penetration, Worked, 77°F (25°C), (W/60)	mm/10	250
ASTM D556	Dropping Point, min	°F (°C)	500 (260)
ASTM D2266	Four Ball Wear, 40 kg, 1,200 rpm, 167°F (75°C) max	mm	0.60
ASTM D2596	Four Ball EP, Weld Load, min	kg	400
ASTM D2509	Timken OK Load, min	lb (kg)	50 (110)
	Temperature Range, estimated,	°F °C	-40 to 300 -40 to 149
ASTM D1743	Rust Test		PASS
ASTM D4048	Copper Corrosion		1B

⁽¹⁾ASTM: American Society for Testing and Materials.

Usable life and storage

When stored at 32°F to 95°F (0°C to 35°C) 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 different standard container sizes. Detailed container size information should be obtained from your nearest MOLYKOTE® sales office or MOLYKOTE® distributor.

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