



TM

MOLYKOTE®

FROM DOW CORNING

This is MOLYKOTE®



Specialty Lubricants



GREASES | PASTES | OILS | COMPOUNDS | DISPERSIONS | ANTI-FRICTION COATINGS



GREASES

Solid to semisolid materials consisting of a lubricating fluid, thickening agent and additives. Used on rolling element bearings and other moving parts.



PASTES

Grease-like materials containing a very high percentage of solid lubricants. Used for assembly and lubrication of highly loaded, slow moving parts or threaded fasteners.



OILS

These lubricating fluids are fortified with carefully selected additives to provide optimum performance and service life while maximizing protection of the equipment and machinery they are designed to lubricate.

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Grease,
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Threads, Solid
Lubricant, High
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Assembly/Run-In
and Anti-Fretting
Multi-Purpose,
Hydraulic,
Compressor,
Vacuum,
Synthetic, Chain
and Gear
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PAO Blend

Smart Lubrication™ Solutions

More than 65 years of trusted expertise



MOLYKOTE®

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Identify your application

- Load
- Environment
- Temperature
- Speed

Functions of a lubricant

- Separate surface
- Reduce wear and friction
- Manage contamination
- Corrosion protection
- Carry away heat
- Transmit power

For more information visit us at molykote.com, contact your Dow Corning distributor or sales contact or email tech.info@dowcorning.com or call Dow Corning Technical Customer Service at +1 800 248 2481.

To learn more, follow us on twitter [@molykote](https://twitter.com/molykote) or visit our YouTube page at www.youtube.com/dowcorningcorp and select the playlist called Molykote - Smart Lubrication.



GREASES | PASTES | OILS | COMPOUNDS | DISPERSIONS | ANTI-FRICTION COATINGS

COMMON APPLICATIONS

High/Low Temp, Bearings, Chassis, Food Chemical, Water, Spindles and Motors

GREASES

Threads, Solid Lubricant, High Temp/Alloys, Assembly/Run-In and Anti-Fretting

PASTES

Multi-Purpose, Hydraulic, Compressor, Vacuum, Synthetic, Chain and Gear

OILS

COMMON APPLICATIONS

Plastic/Metal, Rubber/Metal, O-rings, Release Agent, Moisture Barrier and Dielectric

COMPOUNDS

Silicone Lubricant, Silicone Release, Silicone Dry Film Lubricant

DISPERSIONS

ANTI-FRICTION COATINGS

Dry Film, Heavy Load, Solid Lubricant, Paint-Like and Corrosion Protection



COMPOUNDS

Grease-like materials composed of silicone fluids and silica fillers. Used for their sealing, dielectric, non metal-to-metal lubricating properties.



DISPERSIONS

Finely divided solid lubricants suspended in lubricating fluid; preferred when it is necessary to apply lubricants in liquid form.



ANTI-FRICTION COATINGS

"Lubricating paints;" when applied, these materials cure to form dry, solid lubricant coatings that are bonded to the surface.

High Temperature, High Load, Water Resistance, High Speed, Food Machinery, Low Noise and Low Temp

Prevention of: (Stress Corrosion Cracking, Solder Embrittlement, Fatigue and Pitting), Water Resistance and Constant Coefficient of Friction

Refrigeration, Viscosity, Oxidation Stability, Process Gas Oils, Flush Fluids, Coupling Fluids, Barrier Seal Fluids and Temperature Stability

** Contact your Dow Corning distributor or sales representative to explore the complete Molykote® product line and identify the solution that best meets your needs.

- BR2 Plus** Heavy Duty Black Grease w/MoS₂ and Other Solid Lubricants for General Applications
- G-4700** Long Lasting Synthetic Black Grease w/MoS₂ and Other Solid Lubricants for Heavier Loads, Extreme Pressures and Wider Temperature Applications than BR2 Plus
- G-4500** White Food Grade NSF H-1 Grease, Long-term Synthetic w/Solid Lubricants for General Applications with Moderate Loads and High Speeds
- G-1502FM** White Very Tacky Food Grade NSF H-1 Grease, Long-term Synthetic w/Higher Levels of Solid Lubricants for Demanding Applications with High Loads
- BG-20** High Speed Bearing Grease
- 33 Medium** Low Temperature Silicone Grease
- 44 Medium** High Temperature Silicone Grease
- 3451** Chemical Resistant Grease
- G-0010** Electric Motor Grease

- 1000 Paste** Threaded Connections, General Use
- P-37 Paste** Threaded Connections, High Temperature, High Alloys
- G-n Paste** Assembly, Interference/Press Fits, Startup and Break-in of Moving Heavy Loads
- DX Paste** Fretting (high frequency vibration) Between Contracting/Mating Parts, Non-staining

- L-1122 & L-1122FM** Gearboxes, Standard Industrial (spur, helical, bevel) Synthetic PAO ISO 220 Viscosity Grade
- L-1146 & L-1146FM** Gearboxes, Worm Drive Industrial Synthetic PAO ISO 460 Viscosity Grade
- L-1468FM** Chain Oil Synthetic PAO ISO 68 Viscosity Grade
- L-1346FM** Hydraulic Oil Synthetic PAO ISO 46 Viscosity Grade
- L-4611** Reciprocating Compressor Oil Synthetic Diester ISO 100 Viscosity Grade
- L-1246** Rotary Screw Compressor Oil Synthetic PAO ISO 46 Viscosity Grade
- L-1668FM** Rotary Vane Vacuum Pump Oil Synthetic PAO Blend ISO 68 Viscosity Grade

* For these applications, the products listed are the most commonly used in this subset of the complete Molykote® product line.

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More than 65 years of trusted expertise



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M GREASES | PASTES | OILS | COMPOUNDS | DISPERSIONS | ANTI-FRICTION COATINGS

- 4 Compound** Electrical Insulating Compound
- 111 Compound** Valve Lube and Sealant, Static O-ring Lube
- 55 O-Ring Grease** O-ring Lubricant, Dynamic Applications

- 316** Silicone Release Spray
- 557** Dry Film Silicone Lubricant Spray

- D-321R** Air Cure, Dry Film, Higher Loads, Low Coefficient of Friction
- 3402-C LF** Air Cure, Dry Film, High Loads with Enhanced Corrosion Protection
- D-7409** Heat Cure, Higher Durability than Air Cure

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High Current Electricity, Heat Transfer, Vacuum Sealing and Shear Stability

Food Contact/Release, Metal Protection, Solid Lube Additives, Extreme Temperature Chains, Low Temp and Gear Oil Additives

Coefficient of Friction, Load, Color/Transparent, Durability, Water-Based and Flexibility

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Learn More

Molykote lubricants are available through a distributor network of more than 3,000 distributors worldwide. And Dow Corning has Lubricant Expertise Centers strategically located globally to provide you with expert technical service and support.

Our specialty lubricants include greases, anti-seize pastes, multipurpose oils, specialty compounds, dispersions, anti-friction coatings and more. Learn more now about our extensive product and service offering by visiting ***molykote.com*** or email ***tech.info@dowcorning.com*** or call Dow Corning Technical Customer Service at **+1 800 248 2481**.



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