



**MOLYKOTE**®  
FROM DOW CORNING

**Molykote® Lubrication Solutions for Oil & Gas industries**



Molykote® Smart Lubrication™ from Dow Corning



## MOLYKOTE® Specialty Lubricants for the Oil & Gas Industry Trusted Performance. Smart Lubrication.

No matter how harsh the environment or extreme the temperature, Molykote® brand specialty lubricants tackle your toughest lubrication challenges and deliver the performance you need. We call them Smart Lubrication™ solutions because they reliably extend equipment life and always simplify yours.

Our Molykote line of specialty lubricants includes greases, pastes, anti-friction coatings, and silicone compounds. All are formulated to help you achieve the highest levels of equipment productivity and operation reliability with the lowest levels of service downtime and repair expense. And, you can rely on our support for innovation and expertise in lubricant selection, field application, and maintenance optimization.

For more than 60 years, equipment designers and service engineers around the world have trusted the Molykote brand to perform in the most demanding conditions. Now, with a heritage of success in oil-field operations, Molykote Smart Lubrication from Dow Corning is ready to go to work for you.

### Lubricating Pastes: Equipment Protection

High concentrations of solid lubricant powders fill metal voids to reduce friction and wear. Even under crushing pressures and searing temperatures, they maintain lubricity and reliably enable easy, non-destructive dismantling of screw connections and bolted metal joints.

### Anti-Friction Coatings: Corrosion Prevention

Solid lubricants as well as a binder are dispersed in a solvent carrier. Once applied, a dry lubricating film provides long-term corrosion prevention and high load-carrying capacity. These coatings are ideal for long-lasting, reliable lubrication on inaccessible parts in dusty environments.



### Learn More: Contact Us

Molykote Smart Lubrication solutions are available worldwide. To learn more about how our extensive product line and service capabilities can help you solve or prevent your toughest lubrication challenges, contact a local representative, visit [www.molykote.com](http://www.molykote.com), or email [industrial@dowcorning.com](mailto:industrial@dowcorning.com). Technical Information Center: +49 (0)611 237 778 (English); +49 (0)611 237 779 (German); +49 (0)611 237 773 (French)

Molykote® Brand Paste	Operating Temperature, °C (°F)	Physical Form
Molykote® P-37 Paste	Base Oil: -40 to 121 (-40 to 250) Solid Lubricant: -40 to 1400 (-40 to 2550)	Black, metal-free paste of solid lubricants in ultrapure, low-sulfur, partly synthetic oil
Molykote® G-n/G-n Plus Paste	Base Oil: -25 to 121 (-13 to 250) Solid Lubricant: -25 to 450 (-13 to 842)	Gray-black paste of MoS <sub>2</sub> and other lubricating solids in mineral oil
Molykote® G-Rapid Plus Paste	Base Oil: -35 to 150 (-31 to 300) Solid Lubricant: -35 to 450 (-31 to 842)	Black paste of solid lubricants in mineral oil
Molykote® 1000 Paste	Base Oil: -30 to 121 (-22 to 250) Solid Lubricant: -29 to 650 (-20 to 1202)	Brown, mineral oil-based paste containing solid lubricants, powdered metals, and corrosion inhibitors
Molykote® P-40 Metal-Free Paste	Base Oil: -40 to 230 (-40 to 446) Solid Lubricant: -40 to 1200 (-40 to 2192)	Yellow-brown, metal-free paste containing corrosion inhibitors and white solid lubricants in synthetic oil

Molykote® Brand Anti-Friction Coating	Operating Temperature, °C (°F)	Solid Lubricant	Cure	Color
Molykote® D-708 Anti-Friction Coating	-180 to 240 (-292 to 464)	PTFE	180°C (356°F), 60 min 200°C (392°F), 20 min	Glossy Black
Molykote® 3402 C Anti-Friction Coating	-200 to 310 (-328 to 590)	MoS <sub>2</sub>	Ambient, 15 min Complete cure 2 hrs	Gray
Molykote® 321/D-321 R Dry Lubricant	-180 to 450 (-292 to 842)	MoS <sub>2</sub>	Ambient, 25 min Complete cure 4 hrs	Gray-Black
Molykote® 3400A Anti-Friction Coating, Lead-Free	-198 to 430 (-325 to 806)	MoS <sub>2</sub>	200°C (392°F), 30 min	Gray

### Greases: Severe-Duty Performance

Solid lubricants are blended with fluid carriers to form high-quality greases for extreme-pressure lubrication, reliable equipment operation, and extended service intervals. Contaminants are kept out as the solid lubricating film adheres to metal and plastic surfaces.

### Silicone Compounds: Specialized Needs

Silicone oils and greases meet lubricating needs for improving reliability of equipment and instruments operating with lighter loads in adverse environments. Fluorosilicone lubricants provide outstanding oil and gas resistance on a wide range of process equipment from compressors to vacuum pumps.



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## Trusted Performance. Smart Lubrication.

Cut your production downtime and service costs with trusted protection from Molykote® brand specialty lubricants. Our Smart Lubrication™ solutions can improve operation reliability, extend equipment life, and capture real savings.

Choose from greases, anti-seize pastes, anti-friction coatings, and silicone compounds. You will get innovation and expertise in asset protection and failure prevention. Molykote Smart Lubrication from Dow Corning excels under crushing pressures, searing temperatures, and extreme expectations.



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Molykote Smart Lubrication solutions are available worldwide.

To learn more, visit [www.molykote.com](http://www.molykote.com) or email [industrial@dowcorning.com](mailto:industrial@dowcorning.com).

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