

Proven, effective solutions for the oil & gas industry





GREASES

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



PASTES

Greaselike 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.

Smart LubricationSolutions

More than 65 years of trusted expertise

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

GREASES

OILS

PASTES

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

> Multipurpose, Hydraulic, Compressor, Vacuum, Synthetic, Chain and Gear

MOLYKOTE ® FROM DOW CORNING

Identify your application
Load
Environment
Temperature
Speed

Functions of a lubricant

Separate surfaces
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, email tech.info@dowcorning.com, or call Dow Corning Technical Customer Service at 1 800 248 2481.

To learn more, follow us on Twitter at @Molykote or visit our YouTube channel at youtube.com/dowcorningcorp and select the playlist called "Molykote -- Smart Lubrication."

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

DISPERSIONS

Silicone Lubricant, Silicone Release and Silicone Dry-Film Lubricant

ANTI-FRICTION COATINGS

COMPOUNDS

Dry Film, Heavy Load, Solid Lubricant, Paintlike and Corrosion Protection



COMPOUNDS

Greaselike materials composed of silicone fluids and silica fillers. Used for their sealing, dielectric and nonmetal-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.

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

ommended Applications
lultipurpose synthetic grease for ings and gears; designed to handle me loads and applications involving vibration and/or shock-loading
uitable for friction contacts with loads, particularly under unfavorable onmental influences; used on valves, chanical seals and pumps, ball and points, bearings, loading arms for ships, and vacuum-contained equipment
stable for applications where tacky se is preferred or required, such as lins, cams, open gears, valves and ts where water wash-off is problematic grease sling-off cannot be tolerated
Suitable for high-temperature otor bearings; recommended for ng elements and bearings; chemical and processing equipment
ed under harsh conditions, such as or high temperatures (-40 to 250°C), lives, solvents, liquefied natural gases, igh-vacuum conditions; has a higher sity index (VI) and performs at lower imperatures than branched PFPEs
ed under harsh conditions, such as or high temperatures (-20 to 250°C), rosives, solvents, liquefied natural ses, and high-vacuum conditions; wear protection under heavier loads nd more rigid than linear PFPEs
hreaded connections to prevent seizure nage during assembly and disassembly h-temperature exposure; metal-free for stainless-steel applications and other high-alloy materials
uitable for threaded connections in high-moisture applications; resists water wash-off
table for bolted joints subjected to ted temperatures (maximum 650°C) and to corrosive effects
able for sliding surfaces and friction ontacts exposed to heavy loads
friction coefficient for assembly and in of metallic components; suitable for d connections and press-fit production ypes of machine elements; running-in ricant for new machines and gears
ble for flange seals, adjuster screws eaded connections; used in refineries, hemical facilities and marine vehicles
Base oil for high-temperature Il-bearing greases; lubricating oil or high-temperature instruments
cating oil in vacuum pumps handling greases, in high- and low-temperature s, and in bearings subjected to washing s or solvents; lubricating bearings and n the presence of harsh conditions and extreme temperatures
crew vacuum pumps and compressors ed to operate on ISO 32 to 100 rust and oxidation (R&O) oil
ed in harsh chemical environments, as where HCl and methyl chloride are ent; lubricant used for flooded screw ssors and vacuum pumps in process gas tions; recommended for process gas oil nair/nonhydrocarbon gas compression
rier fluid used on mechanical seals
gh-performance lubricating oil for ompressors and vacuum pumps
ompressors and vacuum pumps I when converting from one base oil
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I when converting from one base oil other; dissolves sludge and varnish gh-performance lubricating oil for essors used at elevated temperatures cal applications include serving as a additive to oil-lubricated gears, gs, machine tools and metalworking; din extreme-pressure applications for outdoor equipment (also shipboard) at to washing and harsh environmental e; lubricant for use on valves and most stomer O-rings, gaskets and seals matible with most O-ring materials lilicone) and elastomers used in valve oiles; helps ensure positive lubrication and sealing by swelling the O-ring ed as a seal and lubricant for cable ectors, battery terminals, rubber door witches, and rubber and plastic O-rings in assembly lubricant for various metal/ stic and metal/rubber combinations Seals and lubricates chemical-essing equipment; used in reduced gassing at high-vacuum conditions belief or thermal coupling of electrical/ electronic devices to heat sinks tipurpose penetrating lubricant for ning rusted parts; stopping squeaks; roviding corrosion protection, water lacement and long-term lubrication cating loaded chains, conveyors and earings at elevated temperatures rable anti-friction coating that can have fast drying and curing sol delivery allows for lubrication of reach spaces; excellent for lubrication that experience high initial wear when eaking in new or rebuilt equipment able for permanent lubrication with uneous corrosion protections; used wherever greases cannot be used for technical or are undesirable due to risk of soiling ble for highly stressed sliding areas the low sliding speeds, osciplating verses cannot be used for technical or are undesirable due to risk of soiling ble for highly stressed sliding areas the low sliding speeds, osciplating verses cannot be used for technical or are undesirable due to risk of soiling ble for highly stressed sliding areas the low sliding speeds, osciplating verses cannot be used for technical or are undesirable due to risk of soiling
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Learn More

Molykote® brand lubricants are available through a global network of distributors. And Dow Corning has Lubricant Expertise Centers strategically located worldwide to provide you with expert technical service and support.

Our specialty lubricants include greases, anti-seize pastes, multi-purpose oils, specialty compounds, dispersions, anti-friction coatings and more. Learn about our extensive product and service offering by visiting **molykote.com**.





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