MOLYKOTE® Specialty Lubricants for electric vehicle applications

Achieve a quieter, safer, smoother, more efficient EV ride

Driving toward zero emissions

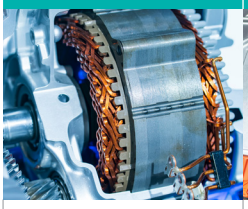
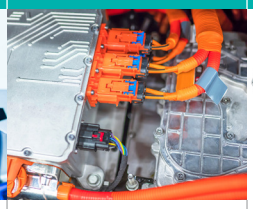
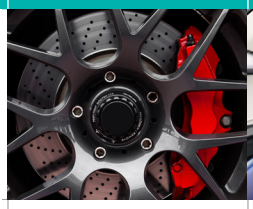
As the automotive industry undergoes its biggest change in decades – moving from combustion engines to electrified vehicles (EVs) – manufacturers are facing new lubrication challenges. Whether you're looking to protect the increasing number of high-voltage connectors or reduce NVH concerns, MOLYKOTE® has an entire portfolio of specialty lubricants to help keep the transition smooth.



Our lubricants protect EV components from electrical erosion, oxidation and aluminum corrosion. These products offer more than just controlled friction and wear, with benefits that include:

- Greater NVH/BSR control
- Enhanced durability; reliability
- Broader materials compatibility
- Electrical and/or thermal management
- Fluid resistance
- Eco-labeling; friendlier handprint and footprint
- No/controlled bleed

Electric vehicle applications

E-drivetrain	Electrical	Powertrain	Chassis & brake	Interior	Exterior & body
					
• E-motor bearing • E-motor shaft & stator • Spline of reducer shaft • Coolant sealing gasket • Wear-resistant washer	• Charging socket lock actuator • Contact of charging connector • Wiring harness connector • DC/AC inverter • DC/DC converter	• Piston, camshaft, tappet • Spark plug boots • Starter motors • Over-running clutch • Exhaust manifold gasket	• Brake booster • EPB • Caliper system • EPS • CVJ & half shaft • Bushing & ball joint	• Door system • Power seat system • Safety seat belt • Window motor & regulator • Central console switch • Rotating center screen • DC/DC converter	• Wiper motor & blade • Headlamp actuator • Lock, latch, handle • Sunroof guide track • Mirror assembly & adjustment • Door/sunroof weather seal

MOLYKOTE®

About MOLYKOTE® Specialty Lubricants

Since 1948, customers around the world have trusted the MOLYKOTE® brand for performance and expertise to help solve complex, technical design and lubrication challenges. Today, our greases, compounds, pastes, dispersions, oils and fluids, and anti-friction coatings support customers' innovation, performance and sustainability needs. To learn more about our extensive product and service offering, to utilize our interactive product selection tool, or to locate a distributor, visit **molykote.com**.

Contact us

MOLYKOTE® has Contact Centers around the globe. Find the phone number for the center nearest you at **www.dupont.com/molykotecontact**.

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