

Driving the future of the EV supply chain

ExxonMobil

From hood to bumper, we produce innovative fluids, materials and parts essential to electric vehicles that can help make them lighter, safer, more efficient and durable.

Exterior

1 Door seals, trunk seals and weatherseals

- Our ethylene propylene diene monomer products protect vehicle interiors from external elements.

2 Exterior trim and vehicle body

- Our polymers for thermoplastic polyolefin compounds contribute to durable, lightweight bumpers and door trims.
- Our plasticizers in polyvinyl chloride and polymers enhance foam soundproofing and heavy mats, reducing noise and vibration.

3 Tires and mobility

- Our butyl products in inner liners and tread help optimize tire pressure, enhance safety, reduce maintenance costs and improve EV battery range.

Under the hood

1 Base oils, fluids and lubricants

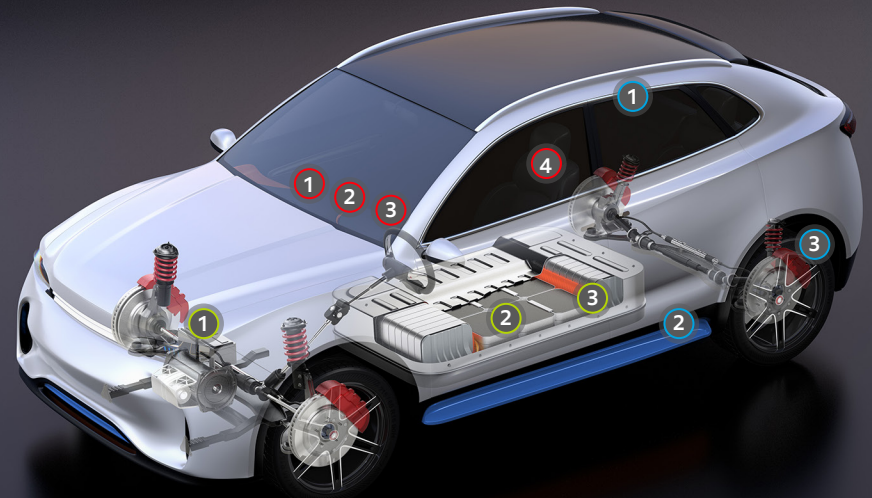
- Our synthetic base oils lubricate gearboxes, bearings and clutches.
- Our synthetic motor oil, grease and lubricants increase efficiency and range, aiding EV performance.
- Our thermal management synthetic base oils regulate battery, electronic and e-motor temperature.

2 EV batteries

- Our new Proxima™ resin systems can create lighter EV battery casings, extending EV range.
- Our new lithium business will be a potential supply of EV battery lithium.
- Our new Carbon Materials technology produces feedstock for higher performance graphite, resulting in a battery with up to 30% higher capacity, up to 30% faster charging time and extended battery life.

3 Wiring, performance and safety

- Our plasticizers enhance polyvinyl chloride, improving electrical wiring durability and resistance.
- Our ethylene propylene diene monomer contributes to electrical and brake performance.



Interior

1 Electronics

- Our insulating and sheathing materials can improve copper corrosion resistance, extending the life of electronics.
- We are evaluating a project to produce ultra-pure isopropyl alcohol with a high enough purity to be used in the manufacturing process of semiconductor chips, which are used in EV touchscreens, sensors and monitors.

2 Filtration

- Our polypropylene and polymer products provide a protection barrier against liquids, gasses and other external elements.

3 Interior hard trim

- Our polymers for thermoplastic polyolefin compounds and polypropylene go into instrument panels, door panels, door sills and seat trims.

4 Interior soft trim

- Our plasticizers for urethane and polypropylene go into artificial leather for seats, armrests, doors, floor mats and sound-proofing foam.
- Our polypropylene products contribute to the production of airbags and seatbelt buckles for vehicle safety.

Note: vehicle shown used for illustration purposes only