



Imagined for Life. Enabled by Science.™

Lubrizol: Empowering a Smarter and Sustainable Future with Local-for-Local Innovation and Global Expertise

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India is leading innovation across industries, advancing sustainability, efficiency, and performance—fueled by breakthroughs in the chemical sector and powered by materials science and AI analytics. Strategic initiatives like Make in India and Atmanirbhar Bharat are strengthening domestic capabilities and global partnerships. Lubrizol’s ongoing investments and deep-rooted presence in India directly align with this momentum, reinforcing its role in shaping the country’s innovation and industrial growth story.

Lubrizol’s Local-for-Local Strategy: Bringing Breakthrough Innovations Closer

For nearly a century, Lubrizol has built a robust network of manufacturing, warehousing, and distribution facilities—ensuring reliable, accessible, and market-responsive operations. This localized model minimizes reliance on global trade shifts while enabling faster, high-quality, and tailored delivery. In India alone, Lubrizol has committed over \$350 million

in investments across business segments over the past year, reinforcing its long-term presence and regional growth strategy.

Lubrizol’s Industry 4.0 Vision: Powering a Smarter Future

Lubrizol’s commitment to sustainability drives its adoption of Industry 4.0 technologies, enabling faster innovation, cost savings, and reduced emissions globally. Lubrizol’s digital twin technology platform, Q-LIFE, aids Lubrizol and its customers in achieving sustainability goals by virtually identifying successful formulations for real engine testing, thereby minimizing fuel consumption and emissions. In skincare, our Beauty Research Institute in Shanghai leverages AI-powered research, refining products like Argireline peptides for diverse consumers.

Lubrizol: Driving Sustainability Through Innovation and Responsible Supply Chain

At Lubrizol, sustainability is central to our purpose, guiding every aspect of our operations. Our local-for-local approach to our global supply chain minimizes environmental impact, reducing emissions and improving efficiency in material movement and storage. In 2024, we achieved a 16% reduction in Scope 1 and 2 greenhouse gas emissions compared to our 2018 baseline. We continue to advance our use of renewable and efficient energy sources across electricity, steam, natural gas, and other fuels.

Recognizing that raw materials account for 85% of our Scope 3 emissions, Lubrizol has mapped the carbon footprint of over 99% of its materials and identified bio-based alternatives that maintain performance while reducing environmental impact. Lubrizol partners with like-minded suppliers who share our commitment to sustainability, actively developing policies and processes to extend responsible practices.

Continually Evolving Our Flagship Technology

1959 - Today

Next-Generation Sustainable TPU
IMPACT: 30-70% Bio-Based Content, Bio TPU

1959 - Today

Clean Water and Reduced Impact with CPVC
IMPACT: 44% Lower Life Cycle Assessment

1958 - Today

Inherently Biodegradable Carbopol Fusion Polymer
IMPACT: 39%* Lower Environmental Footprint

*Comparative calculations made with acrylate performance benchmark per assumptions. Customers need to assess impact on their finished formulations based on the use rate of each ingredient.