



Issue 8 | April 2020

Here's the latest issue of Energizing Innovators, a newsletter providing expert insights into the synthetic lubricants industry. This month we focus on exciting developments in electric vehicle performance.

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Making Electric vehicle (EV) lubricants



Hybrid and electric vehicles bring new requirements for electrical and thermal properties in lubricants. Our scientists are creating breakthrough synthetic base stock formulations that meet the needs of this expanding market.

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[Technical whitepaper](#)

How synthetic base oils can help create novel e-mobility fluid formulations

E-modules, including gearboxes, e-motors, bearings, clutches, electrical components, and new materials, bring new challenges for EV fluids. This paper discusses how synthetic base oils can provide benefits to new e-Mobility fluids formulations.

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Does tire inflation affect the battery range of electric cars?

We project about 160 million electric vehicles on the road by 2040. First of its kind testing has shown that a simple factor could be robbing them of performance -- air! A small decrease in tire inflation could lower battery range by 3-7% and cause tire life to be 16% shorter.

Learn more

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