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Advanced Protection for Hybrid Vehicles

AMSOIL provides up to 16% better low-temperature viscosity than Mobil 1.A



by **BRAD NELSON**
December 12, 2023

Increasingly more people are turning to hybrid vehicles to reduce their environmental impact and save money on fuel costs. Most hybrid SUVs top 35 mpg, while most hybrid sedans exceed 45 mpg. That's about 40% better than non-hybrids.

While hybrid vehicles offer excellent fuel efficiency, the internal-combustion engine (ICE) in a hybrid vehicle endures a unique set of challenges. Infrequent engine usage and increased stop/start activity

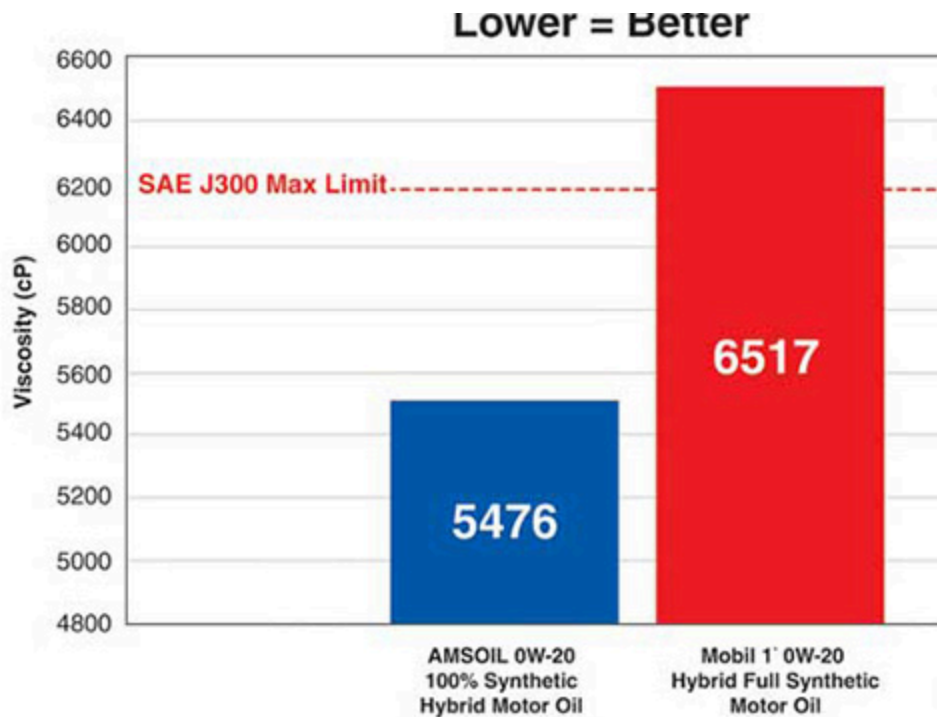


AMSOIL 100% Synthetic Hybrid Motor Oil

AMSOIL 100% Synthetic Hybrid Motor Oil is designed to solve those problems with purpose-built protection for the hybrid drive cycle, maximizing hybrid-engine life, efficiency and performance.

Cold-temperature protection

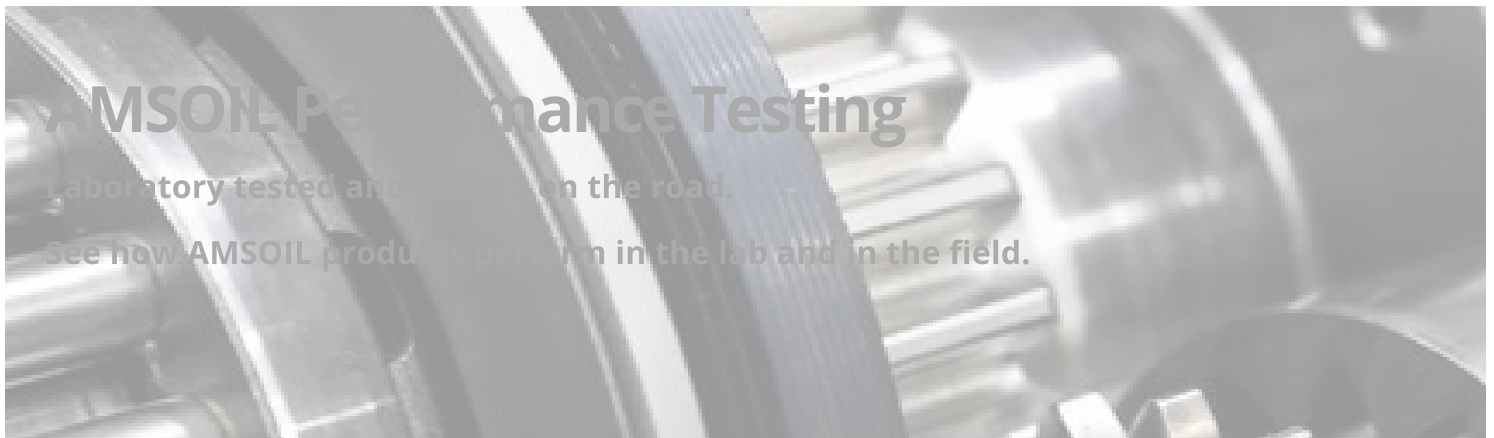
Infrequent engine usage and increased stop/start activity can accelerate engine wear in hybrid vehicles. Independent, third-party testing demonstrated that AMSOIL 100% Synthetic Hybrid Motor Oil provides up to **16% better low-temperature viscosity than Mobil 1,*** delivering better protection at startup.^A



Combats corrosion

Hybrid engines operate intermittently, making them especially vulnerable to corrosion. Infrequent use and reduced loading of the engine leads to lower engine temperatures that do not completely evaporate condensation, leading to rust, wear and decreased efficiency.

AMSOIL 100% Synthetic Hybrid Motor Oil is formulated with a boosted dose of inhibitors to help prevent condensation related corrosion and maintain optimal engine performance, while its elevated level of dispersants effectively manage water that enters through condensation.





Protects against fuel dilution

Frequent stop/start activity can lead to cooler cylinders and incomplete combustion, increasing the likelihood of unburnt fuel leaking down the cylinder walls into the crankcase and contaminating the motor oil – reducing its ability to provide proper lubrication.

AMSOIL 100% Synthetic Hybrid Motor Oil is engineered with a robust viscosity to cling to cylinder walls and combat the negative effects of fuel dilution.



Most hybrid SUVs and pickup trucks top 35 mpg, about 40% better than non-hybrids.

Helps viscosity control

Infrequent use of a hybrid's engine means oil must flow quickly to reach components when the engine engages, especially at higher RPM. AMSOIL 100% Synthetic Hybrid Motor Oil is formulated to provide optimal low temperature viscosity control to ensure rapid protection of components at startup.



AMSOIL 100% Synthetic Hybrid Motor Oil is specially engineered to protect hybrid engines.

Targeted protection

AMSOIL 100% Synthetic Hybrid Motor Oil is an excellent choice for any hybrid electric (HEV) or plug-in hybrid electric vehicle (PHEV), regardless of mileage or age of the vehicle. It's specially engineered for drivers who want to maximize engine protection and fuel economy in their hybrid vehicle.



5/12/2022

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by **BRAD NELSON**

Brad Nelson is a staff writer for AMSOIL. Outside of work he enjoys family adventures, wilderness exploration and riding/wrenching on vintage metric motorcycles.

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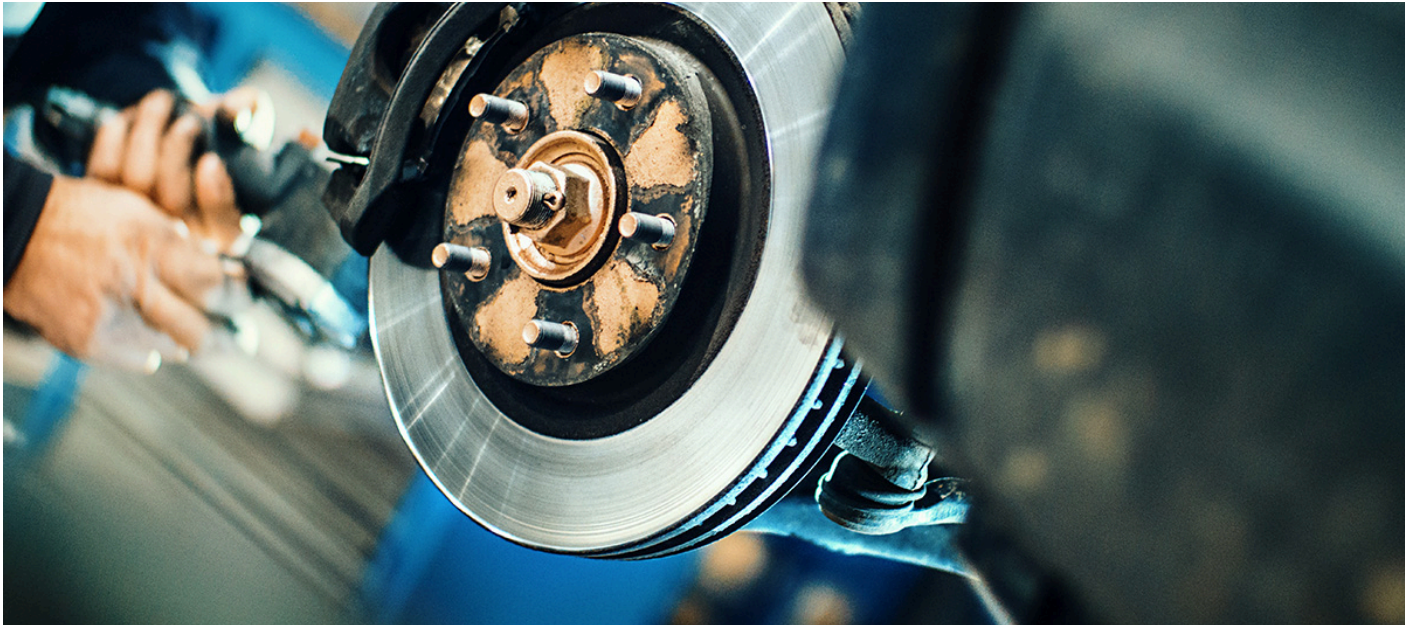
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