



**For Immediate Release:**

## **Alternative Racing Fuel Study and Demonstration Project Set For 2022**

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Fossil Free Racing, a 501(c)3 nonprofit, was founded to become the testbed for an alternative racing fuel that promises to reduce the carbon footprint of race cars by 90% while lowering fuel costs and increasing performance.

Motorsports competition involves tens of thousands of participants and vehicle owners each year, both amateur and professional. Retail sales of racing products make up a nearly \$2 billion market annually. Most of the vehicles raced on the estimated 1,300 racetracks operating across the U.S. are converted road going vehicles that have been converted to race cars.

Fossil Free Racing will test GEM, a Tertiary blend of E85 (gasoline and ethanol) and biomethanol in 2022 with hopes to demonstrate its excellent performance capabilities, lower cost, and lowered impact on the environment.

Jeff Trout, director of Fossil Free Racing, said, “the EPA submitted that the Clean Air Act (CAA) gives it the authority to enforce the use of aftermarket performance parts on cars. This could threaten the ‘Saturday Night Racer’, a subject I’m passionate about.” The Specialty Equipment Marketing Association (SEMA) feels the same way. In response, SEMA put forth the ‘Recognizing the Protection of Motorsports Act’ (RPM) of 2021.

The RPM Act does not interfere with the EPA's authority to enforce against individuals who illegally install race parts on vehicles driven on public roads and highways and companies that market such products (tampering with the emissions system of a motor vehicle used on public roads is a clear violation of the Clean Air Act), but they do seek to protect off-road vehicles.

“I want to take a proactive approach and develop a fuel that eliminates the problem – race cars that exceed CAA standards and significantly reduce the use of fossil fuels. After extensive research, I have decided to focus on the viability of GEM racing fuel in the American market. This fuel has been studied and used in Europe in an FIA sanctioned series, so the data is there. It’s just a matter of applying the previous research and looking at emerging technologies, such as methanol derived from waste and ethanol derived from non-food feedstocks. This could build on the previous research and make this solution viable.”

The development and demonstration of the viability of the fuel will be the focus for Fossil Free Racing, and race teams will be providing feedback to help with the completion of a peer reviewed scientific study. The effort is currently supported by the Northern California Modified Association product sponsors Allied Motor Parts, ATM Innovations, Red Line Oil, Super Shox, and Brown and Miller Racing Solutions.

Currently, Fossil Fuel Racing is seeking a small amount of support to complete the investigation portion of this project from industry, business and concerned individuals.

For more information, contact Jeff Trout at:



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