

FUEL OX® FIELD TRIAL DELIVERS 12.31% FUEL EFFICIENCY GAIN — THEN PROVES IT A SECOND TIME

Independent 11-month UK fleet trial produces a three-phase data set eliminating every objection: results improved with treatment, then deteriorated without it

ASBURY, NJ, UNITED STATES, June 8, 2026 /EINPresswire.com/ -- Industrial Sustainability Group International LLC, manufacturer of [Fuel Ox](#)® with [Combustion Catalyst](#), today announced the results of an independent 11-month fleet trial conducted by Tyre Renewals Ltd in Castle Cary, Somerset, UK, and evaluated by IESG Limited. The trial, covering 11 × 40-tonne tractor-trailers and 164,274 kilometers of real-world operation, produced what company CEO Rand Taylor calls the most compelling field evidence in the company's history.

Before-and-after testing is the standard framework for fuel additive trials. What makes the Tyre Renewals trial extraordinary is a third phase that no manufacturer can engineer — a return to untreated fuel under identical operating conditions. When the Iranian conflict prompted Tyre Renewals to preserve its bulk reserves as a supply-disruption precaution, the fleet switched to untreated roadside diesel. What happened next removed any remaining doubt about what Fuel Ox was delivering.



The numbers are unambiguous. In Phase 1, the fleet averaged 8.33 mpg across 58,947 km of untreated operation. In Phase 2, with bulk tanks treated with Fuel Ox, fleet average rose to 9.36 mpg — a 12.31% improvement — with nine of eleven vehicles showing gains and the best-performing unit improving 30.45%. Then came Phase 3. Running on untreated roadside fuel, the fleet did not merely return to its baseline. It fell below it, dropping to 7.75 mpg — a 17.19% decline from the treated figure, and measurably worse than before the trial began.

"The performance regression in excess of 17% when running on base fuel is a very firm indicator of the treated fuel's efficiency," said IESG Limited, the independent evaluator. The trial also recorded a reduction of more than 21% in AdBlue/DEF consumption and elimination of more than 80% of visible exhaust smoke during the treatment phase.

Fuel Ox[®] with Combustion Catalyst is certified to ASTM D975 and EN 590, registered with the EPA, and OEM-safe across diesel, biodiesel blends, kerosene, and heavy fuel oil. Its patented organometallic combustion catalyst technology treats at a ratio of 1:10,000 — one gallon (3.8 L) treats 10,000 gallons (37,854 L) — making it the most concentrated fuel additive on the market. The technology traces its heritage to Bell Labs and has a proven record across commercial fleets, mining operations, marine applications, and military use.

Fleet operators interested in replicating the Tyre Renewals results can contact Fuel Ox directly.

About Industrial Sustainability Group International LLC (Fuel Ox[®])

Industrial Sustainability Group International LLC, headquartered in Asbury, NJ, manufactures Fuel Ox[®] with Combustion Catalyst — a patented organometallic fuel treatment trusted by fleet operators, mining companies, marine operators, and fuel distributors across six continents. Fuel Ox is ASTM D975 and EN 590 certified, EPA registered, and treats at a 1:10,000 ratio. For more information visit www.fuelox.com or call 1-844-8-FUELOX.

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