PFT

PURE FUEL TECHNOLOGIES

TESTING AND CERTIFICATION

The **PFT ®** Device is subject to a series of professional tests verifying the reduction of fuel consumption and emissions performed by the following leading examination entities:

OFFICIAL TESTS OF PURE FUEL TECHNOLOGIES ®

The Emissions and Fuels research team at CE-CERT, including national and international research leaders, is applying advanced technologies and methods to the measurement of emissions from all types of engines, including cars and light-duty trucks, heavy-duty freight trucks and construction equipment, and the large engines that power marine vessels. CE-CERT has considerable experience with successfully completing complex projects that involve elements of laboratory testing, field work, activity measurements, and PEMS evaluations and implementations.

The University of Central Florida College of Engineering and Computer Science is an academic college of the University of Central Florida located in Orlando, Florida, United States.

The world's leading testing, inspection and certification company. Recognized as the global benchmark for quality and integrity. 96,000 employees operate a network of 2,600 offices and laboratories, working together to enable a better, safer and more interconnected world.

Established in 1964, Asistencia Técnica Industrial S.A.E. (ATISAE), headquartered in Madrid, is one of the leading providers of testing and inspection services on the Iberian peninsula. The group operates in three fields of activities: industrial safety, vehicle inspection and automotive consulting. Its workforce of 1,300-plus generate revenue of over EUR 84 million, primarily from industrial inspections and periodic technical inspections of motor vehicles.

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UNIVERSITY OF CALIFORNIA

Fuel Consumption and Carbon Emissions on Semi-Truck.

SGS

Physical Analysis of the Fuel Pre and Post Device Application.

UCF | COLLEGE OF ENGINEERING & COMPUTER SCIENCE

Fuel Consumption on Diesel Equipment.

AUTO MOVILIDAD

Fuel Consumption on Diesel Passenger Public Buses.

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Research in Progress

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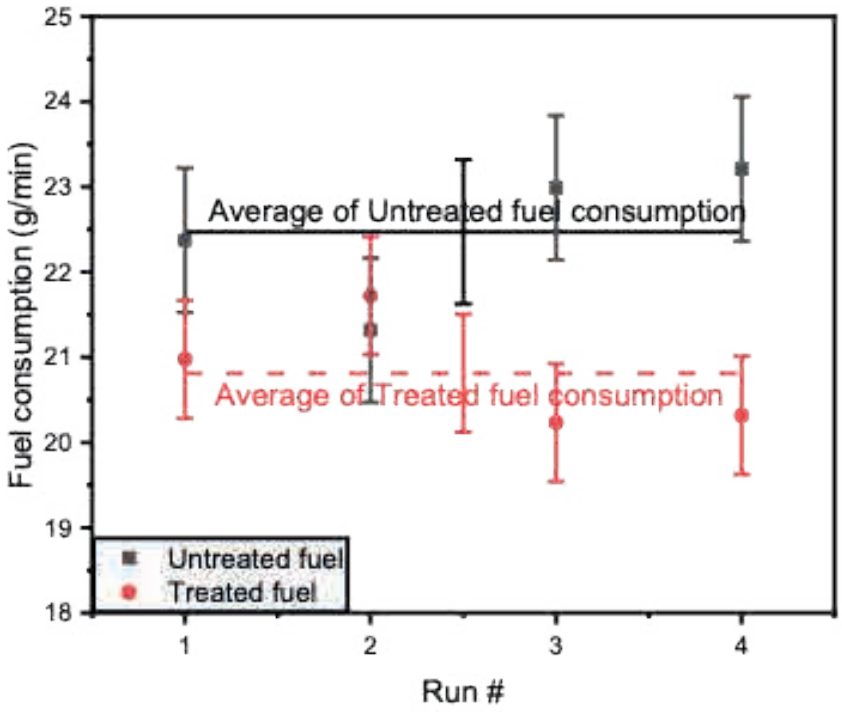
PROPERTY	BEFORE	AFTER
Ash Content	0.006 % (m/m)	<0.001 % (m/m)
Water Content	140 ppm	124 ppm
Carbon Residue	0.030 % (m/m)	<0.01 % (m/m)
Particulate Content	2.6 mg/L	1.1 mg/L
Pad Rating After ageing	G-7	G-0
S15 - Gross Heat of Combustion	19685 Btu/lb	19869 Btu/lb

'Based on all above results of the treatment of the sample, our observation is that the treated sample has improved the quality of the product on the above mentioned methods''

SGS North America.



An experimental investigation of a test product, The Pure Fuel Technologies Decive(PFT), was conducted to examine the ability of the PFT to reduce fuel consumption as an engine treatment device. A stationary diesel light tower (Allmand and Night-lite pro II) was utilized as a test platform conducted at the University of Central Florida between March 14th and March 29th of 2022. This test instrument had a run time of 11,137 hours. The untreated diesel was shown to have an average Fuel Use of 22.473±0.848 g/min (1σ). With the combined use of three PFT devices for fuel, fuel consumption was reduced to 20.812± 0.692 g/min (1σ). **This PFT treatment enabled a 7.39% reduction in fuel consumption. #2 Red diesel (off road tax exempt) was used.**

Fuel Consumption during trials

Date		Liters	Liters/Km	Km/Liters	Liters/Min
May 30	No Device	52,72 Liters	0,4220	2,3691	0,2262
June 8	PFT Installed	46,75 Liters	0,3737	2,6759	0,2032

The the difference in fuel consumption between the trials done with and without the PFT device installed are the following:

CONCEPT	No Device	PFT Installed	Difference Liters	Difference %
Fuel consumption During trials	52,72 Liters	46,75 Liters	**-5,97 Liters**	**-11,3%**

Conclusion: After installation of the PFT device, a reduction of 11,3% on fuel consumption was seen on the buses.

PFT

PURE FUEL TECHNOLOGIES

A safe bet for the ENVIRONMENT

Average emission reduction: **50%**

Average fuel consumption savings: **10%**

For full Testing Reports visit our web site

http://www.purefueltechnologies.com