

Fuel Efficiency Test

Company: Kakui Freight Express Co., Ltd.

Industry: Long Distance Hauling

Application: Heavy Truck

Fuel: Enezol Energize Diesel

Testing Period: 30 days

Fuel Efficiency:

Kakui Freight Express Co., Ltd agreed to join the field-testing program to measure the effectiveness of Enezol Energize Diesel . Prior to using Enezol Energize Diesel, Kakui Freight first established baseline fuel efficiency numbers.

They selected a truck tractor built in 2012 (HINO QKG-FR1EXBG 12.9L Engine) to participate in the test, and over the course of 1 month, they traveled a total distance of 14,403 km. Their truck consumed 5,497 liters of diesel fuel, yielding an average fuel economy of 2.62 km/liter.

Before Enezol Energize Diesel Use

Timeframe	Total Distance	Total Fuel	Fuel Efficiency
1 month	14,403 km	5,497 liters	2.62 km/liter (6.16 mi/gal)

After establishing a fuel economy baseline, they began using Enezol Energize Diesel with their truck. Over the course of the next 30 days, their combined total distance traveled was 14,754 km. They consumed 4,451 liters of diesel fuel, yielding an average fuel economy of 3.32 km/liter.

After Enezol Energize Diesel Use

Timeframe	Total Distance	Total Fuel	Fuel Efficiency
1 month	14,754 km	4,451 liters	3.32 km/liter (7.81 mi/gal)

Starting at 2.62 km/liter using standard diesel, and improving to 3.32 km/liter after switching to Enezol Energize Diesel, netted a 26.71% increase in fuel efficiency.



Summary:

By using Enezol Energize Diesel, Kakui Freight was able to achieve safe and reliable fuel efficiency improvements of 26.71%. In doing so, they were also able to reduce their carbon footprint by the same amount.

It is also interesting to note such high fuel efficiency improvements were achieved in a newer vehicle. These tests were conducted in the fall of 2014, making this vehicle only 2 years old at the time.

Overall, this test demonstrates that companies, who directly rely on fossil fuels to operate, can quickly and easily reduce their fuel consumption, lower their carbon footprint, and decrease their dependency on fossil fuels – all without having to overhaul their infrastructure.