

Esso Diesel Efficient™ fuel lowers Woodlands Transport's operational cost and improves business efficiency



Objective

Improve fuel efficiency and reduce Diesel Exhaust Fluid, DEF (AdBlue) consumption.

- **Transportation Company:**
Woodlands Transport Service Pte Ltd
- **Location:** Singapore

"In both the logistics and construction sectors, each vehicle in our fleet is put under a lot of pressure and stress from heavy loads, which is why it's crucial that we have the right fuel solution that protects our vehicles' engine life."

Mr. Chan Soon Ann,
Tanker Operation Supervisor
Woodlands Transport Service Pte Ltd

Situation

Woodlands Transport is one of Singapore's largest private transport providers, handling a fleet of over 1,000 vehicles each day. For more than 45 years, Woodlands Transport has continued seeking maximum business efficiency – along with improved safety, smoother dispatching and quicker response to changing customer demand.

Among their foremost concerns are:

- Ensuring vehicles are able to handle the stress from heavy loads
- Protecting engine life and optimising their performance
- Minimising vehicle downtime and lowering maintenance cost

Solution

The customer worked in partnership with Esso™ to study how Esso Diesel Efficient fuel can improve fuel efficiency and DEF (AdBlue) consumption.

1.8%

Average increase in fuel efficiency and greater cost savings for optimised performance across fleet.



How did Woodlands Transport benefit?¹

The trial² yielded generally encouraging results – leading to greater cost savings, cleaner engines and improved overall performance:



Greater cost savings

- 1.8% average increase in fuel efficiency
- 11% average reduction in DEF (AdBlue) consumption



Efficient and productive fleet operation

- More powerful and responsive engine
- Enhanced efficiency with fewer engine breakdowns
- Greater reduction in black smoke and engine cleanliness retained
- Fewer refuelling trips required



Increased product confidence

- Greater service reliability and customer confidence. Today, Woodlands Transport's fleet continues to use Esso Diesel Efficient fuel.

11%

Average reduction in DEF (AdBlue) consumption which results in greater cost savings for the distance travelled

"Optimal engine performance, reduced maintenance cost, and minimised vehicle downtime are crucial for any transport company. Working with Esso and using Esso Diesel Efficient fuel has helped us move closer to our goals. Esso Diesel Efficient™ fuel is our fuel solution."

Mr. Albert Lim,
Group Managing Director
Woodlands Transport Service Pte Ltd



Advancing Productivity™³

Esso Diesel Efficient fuel is an advanced fuel formulated for diesel engines that uses an advanced patented technology to help meet our commercial customers' needs.



Productivity

Improves engine power and responsiveness by cleaning up deposits on fuel injectors and providing protection against premature injector failure. Enhanced with an anti-foaming agent for a faster and cleaner fill.



Safety

Excellent Fuel System Corrosion Protection can help minimise maintenance and the risks associated with employee-equipment interaction.



Environmental Care

Esso Diesel Efficient fuel helps reduce NO_x, CO₂ and particulate matter emissions.

Learn more about our innovative fuels by contacting our sales representative or visit [EssoDieselEfficient.sg](https://www.essodiesel.com.sg)

¹ This Proof of Performance is based on the experience of a single customer who used Esso Diesel Efficient fuel over a trial period of 6 months. Actual results can vary depending on factors such as type of operation, vehicle, engine, driving conditions, driving behavior and diesel fuel previously used.

² The comparison during this trial period was against our commercial additized diesel (ADO) with different dosage of additive(s). Data collected was based on telematics reporting on fuel consumption and mileage travelled. DEF (AdBlue) consumption was derived from drivers' manual record keeping. Trial was performed in Singapore by Woodlands Transport Services Pte Ltd's on 4 prime movers.

³ Esso Diesel Efficient™ fuel claims are based on internal and third-party vehicle engine testing, laboratory testing, and/or industry or other scientific literature. Basis for comparison for all claims is versus Esso™ unadditized Diesel. Vehicle type, engine type, driving behaviour and other factors also impact benefits.