



## USAGE PATTERN

Speedy Hire offers plant and specialist equipment for hire, such as lighting for events, water pumps and cutting equipment for construction. The Transit Custom Plug-In Hybrid van was used by engineers maintaining equipment on hire at customers' addresses, and was fitted with racking designed for tools and parts. The van was plugged in overnight at the driver's home in Greater London and occasionally at the depot if the engineer needed to pick up some specialised tools during the day. Most journeys into the Congestion Charge Zone were short, but the van entered the zone 112 times, running in pure electric mode for 83 per cent of the time. The longest journey in one day was 402 km (250 miles), and 122 km (76 miles) were driven on pure electric power.

Type of organisation	Equipment hire
Average daily distance using electric power	25.1 km (15.6 miles)
Average daily distance using range extender	46.2 km (28.7 miles)
Longest daily journey	402 km (250 miles)
Average electric usage in Congestion Charge Zone	83.2%
Average electric usage in Greater London	35.2 %

## OPTIMISING PERFORMANCE

The driver was trained to plug in overnight to start the day with a full charge, and to use selectable EV modes to make the most of charging opportunities while driving.

## TRIAL HIGHLIGHTS

- Exemption from London's Congestion Zone saved Speedy Hire £1,288 in charges for 112 visits to the Congestion Charge Zone, the PHEV drove on 83 per cent pure electric power on these occasions
- One delivery required a 402 km (250-mile) return trip which included 122 km (76 miles) – more than 30 per cent – driven on electric-only power
- Average daily mileage would not be ideal for a fully electric vehicle

## CUSTOMER STRATEGY

As part of its environmental strategy, Speedy Hire has set a target to reduce the company's carbon footprint significantly over the next five years. The company offers a Green Option (GO) produce range with performance across seven categories including energy efficiency, and energy efficient and electrified vehicles are an important part of the company's environmental strategy. As the average daily distance driven might be challenging for a pure electric vehicle, a Plug-In Hybrid makes an ideal choice for the fleet.

Mark Woolworth, head of transport and logistics, Speedy Hire said: "Our vehicle fleet is the lifeblood of our business, ensuring we're able to get tools and equipment to our customer's sites on time. In London, where we provide critical support to hundreds of projects, our Capital Commitment initiative means we'll deliver our top 52 products within four hours of them being ordered.

"But, alongside this commitment to customer service excellence is another to make our business more sustainable. We're targeting a big reduction in our carbon output over the next five years. Using the latest in clean vehicle technology, like the Transit Custom Plug-In Hybrid van, this means we can deliver both for our customers and on our commitment to the environment."

Exemption from the London Congestion Charge Zone fee saved Speedy Hire £1,288 during 112 visits. The vehicle drove using pure electric power for 83 per cent of mileage inside the zone

