

Case Study: Tesco

Sustainable growth for transport fleet

Minimising Environmental Impact for Sustainable Growth

Tesco has stated its commitment to sustainable growth, this includes a belief that if the business fails to minimise its environmental impacts, it will be inefficient and increase costs.

The company has been looking at ways to reduce emissions from its fleet, which services a network of suppliers, regional distribution centres, consolidation centres and stores. At Tesco Distribution head office, based in Moulton Park, Northampton, part of that strategy has been to identify an efficient and cost effective way of reducing emissions from existing vehicles. Following extensive trials, Tesco confirmed that the Eminox Continuously Regenerating Trap (CRT[®]) could meet their needs by virtually eliminating the major harmful pollutants, Particulate Matter (PM) Hydrocarbons (HC) and Carbon Monoxide (CO).

Commercial and Environmental Benefits

Tesco began work on this part of its emissions programme in 1998, initially fitting Eminox CRT[®] systems to 300 Scania tractor units. The CRT[®] proved successful in use, with the systems typically reducing air pollution by cutting PM, HC and CO by 90% compared with standard exhaust systems.

Tesco's investment in the systems was recovered in the first 2 years, with reduced pollution certificates continuing to save the company £500 per vehicle each year. This helped to re-affirm Tesco's belief in both the commercial and environmental benefits of their policy.

CRT[®]s reducing pollution for 8 years

Tesco has gone on to fit CRT[®]s to other vehicles, systems are now also fitted to Mercedes Axor vehicles. Some 39% of Tesco's 1,723 vehicles are now fitted with CRT[®]s, up from 30% last year.

