



Case Study

DPFi with electrical regeneration installed on a wheel loader

For a recycling depot in Germany a Volvo wheel loader had to be equipped with a DPF system to meet the regulation on indoor use of Diesel engines.

Background

For this application a DPFi system with electrical regeneration was chosen, as the wheel loader was operating with low load and does not reach the temperature requirements for a passive CRT[®] system.

The DPFi collects the soot over the operating time and will then regenerate in 90-120 minutes.

The filter is regenerated daily at the end of the shift. The operator plugs it in to start the regeneration programme and the system shuts down automatically after the programme has finished. The machine is then ready to be used for the next shift.



DPFi 2011SL

Summary

Product: DPFi 2011SL, electrical regeneration
Application: Volvo wheel loader L60E
Engine: Volvo D6D, 103 kW, 5.7IL
Location: Germany
Installation Date: 2010