



CASE STUDY

DPF-CCRT[®] installed on 98kW wheel loader

For requirements to control PM emissions in the Netherlands, a Caterpillar 924G wheel loader was equipped with a DPF system. The customer chose Johnson Matthey to supply the DPF system for use in harbour areas.

Background:

For occupational health requirements in the Netherlands the customer had to install a certified DPF system that is capable of operating under low duty cycles.

Johnson Matthey proposed a DPF-CCRT[®] system to provide continuous regeneration. This system starts to regenerate from an exhaust gas temperature of 220° and met the customer requirements. The system's modular design enabled it to replace the muffler and offer easy access for maintenance.



Original muffler



DPF-CCRT 120SL

Summary:

Product: DPF-CCRT[®]
Application: Caterpillar 924G
Engine: Cat 3056E, 97 kW, 6.0L
Location: Amsterdam, Netherlands
Installation Date: March 2011

