

CASE STUDY

DPFi with electrical regeneration installed on a forklift truck

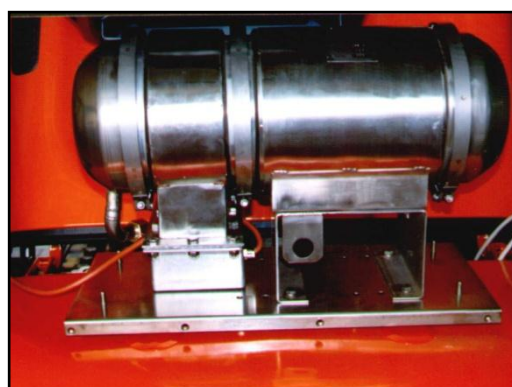
Forklift trucks operating in closed or partly closed areas in Germany need to have a DPF system installed according to the TRGS554 regulation.

Background:

To fulfil the regulation TRGS554 a Toyota forklift truck was equipped with a DPFi system.

In general these material handling applications often operate at very low exhaust gas temperature (below 200°C) and cannot be fitted with a continuously regenerating filter system.

The truck can operate until the filter monitor informs the operator to stop and connect to the external regeneration box. The regeneration programme runs for 60 minutes and shuts down automatically. After unplugging the connection the forklift and filter are ready to operate the next shift.



DPFi 80SL

Summary:

Product: DPFi 80SL, electrical regeneration
Application: Toyota 2.5 tons
Engine: Toyota, 44 kW
Location: Germany
Installation Date: 2009

