

**DELPHI ENHANCED NON-THERMAL PLASMA EMISSION SOLUTION
TESTED ON LIGHT-DUTY VEHICLE**

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Delphi non-thermal plasma (NTP) exhaust aftertreatment effort is primarily targeting light-duty applications. Driven by customers' requirements, a new generation of power supply has been developed and should lead to the production intent final version. Improved catalyst formulations have been developed and tested, both on synthetic gas benches and vehicle steady-state operating points. Preliminary transient calibration has occurred leading to initial full emission cycle testing. The present paper will discuss the results obtained so far, which represent the first emission cycle results ever produced with an NTP system.