

Filter partnership gets green light

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A partnership between Volvo CE and Huss LLC, a specialist in diesel particle filtration and systems for exhaust after treatment, to provide retrofit systems for Volvo construction equipment will significantly reduce exhaust emissions according to the companies.

The partnership is based on an agreement between Volvo headquarters in Sweden and Huss headquarters in Switzerland.

The Huss system is verified to meet California's strict new CARB Level 3 requirements (minimum 85% particulate collection), and Volvo equipment owners using the system will be able to meet the "In-Use Off-Road Diesel Vehicle Regulation", New York Local Law 77 and future pending legislation.

The retrofit system is capable of collecting up to 99% of diesel particulate matter (PM) emissions, substantially exceeding the CARB requirements. Volvo CE will begin its engine retrofit program immediately, using the Huss exhaust after treatment system.

The retrofit system is equipped with a control unit that constantly monitors filter function to precisely control diesel PM loading and regeneration. The system is built into the exhaust system of the vehicle to collect the diesel particulate matter.

Active filter regeneration, through an integrated fuel burner system, typically takes place after approximately 8 to 10 operating hours and is completed in 5 to 35 minutes. Engine exhaust backpressure is set to Volvo requirements. In addition to the reduction of 99% PM, there is no increase of NO₂.

{ Arabian Business }