

THE APPLICATION OF SOOT FILTERS TO MILITARY VEHICLES

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Cummins and the Naval Facilities Engineering Service Center are developing a procedure to apply soot filters to tactical and non-tactical military-owned vehicles sponsored through Navfac Contract N47408-99-M-5047.

The effort involves inventorying and screening vehicles, data logging exhaust temperatures, installing prototype soot filters on selected applications (current phase), and measuring emissions benefits. A number and type of vehicles were screened, but only a few were considered suitable for passive soot filters. Some active regeneration systems are being evaluated for applications that had exhaust temperatures too low for passive filter systems.