

CUMMINS/DOE LIGHT TRUCK DIESEL ENGINE PROGRESS REPORT FOR 2001

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Cummins has studied requirements of the light truck automotive market in the United States and believes that its proposed V-family of engines meets those needs. Design and development of the V-family engine systems continues and has expanded. The engine system is a difficult one, since it requires combining the requirements of a very fuel-efficient commercial diesel with the performance and sociability requirements of a gasoline engine. Results of testing show that the engine can meet requirements for fuel economy and emissions in the Tier 2 interim period for 2004 to 2008. Advanced results show that the full Tier 2 results for 2008 and beyond can be achieved on a laboratory basis.