

UDC 621.436.038

Gritsuk A.V. Research of two-phase fuel injection in high-speed low-capacity diesel engine of DTA series /

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Sevastyanov // Internal combustion engines. – 2010. – № 2.

– P. 13-18.

In the work the results of motor test of one-cylinder four-valve high-speed diesel engine with direct fuel injection and electronically-controlled fuel equipment are presented. Efficiency of application of two-phase fuel supply for noise abatement of a diesel engine operation is investigated and stated. It is shown, that there is a possibility of updating of the law of fuel combustion in the cylinder by organization the two-phase fuel supply with various parameters of injection phases. Tabl. 1. Il. 8. Bibliogr. 9 names.