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Poyda A.N. Analyzing the operating conditions of fuel equipment on the basis of pressure fluctuations in hydraulic accumulator / A.N. Poyda, E.U. Zenkin // Internal combustion

engines. – 2009. – № 1. – P. 112-118.

The methods of diagnosing based on the use of a signal sent by

a fuel pressure sensor installed in hydraulic accumulator have

been offered. The fuel pressure fluctuations caused by injector,

high pressure fuel pump (HPFP) and diesel fuel rate (DFR) in

case of fault conditions have been analyzed. The chances for

indirect evaluation of a technical condition of fuel equipment

using the rate of fuel pressure rise and pulse ratio in the feedback chain of DFR control system have been studied. Il. 8. Bibliogr. 9 names.