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Turchin V.T. Performance analysis of the economics' theoretical models implementation of tractor's diesels operation for the pistons resource strength estimation /

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92.

Performance analysis of the economics' theoretical models implementation of tractor's diesels operation for the pistons resource strength estimation is conducted in the paper.

Calculations of the piston's combustion chamber edge resource of the diesel engine 4CH 12/14 was made with such models: economic GSKBD, detailed IPMash and economic IPMash, with jet and gallery piston cooling are making. The feasibility of using an economic model of operation IPMash in the early design stages was proved. The necessity of the economical model development according to chosen performance criterion is shown.. Table 4. Il. 1. Bibliogr. 7 names.