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– P. 109-112.

The analysis of factors, that had an determining influence

on the change of the technical state of auto tractor diesels

is executed. Application of the systems of diesels technical

state monitoring needs definite actions for perfection of

strategies of technical service and repair (TSR). Researches

were conducted during exploitation of autotractor diesels on

a technique that works in the conditions of agroenterprises.

The results of application of auto tractor diesels technical

state monitoring system which has got at service machines at

planned-preventive (PPS) and adaptive (AS) strategy TRS

are resulted. A different dynamics of capacity’s loss in technique’s

units is exposed. The estimation was conducted after

the coefficients of readiness and use testifies to the necessity

of transition of maintenance of technique after the actual

state on the basis of the system of monitoring. Recommendations

in relation to the optimum use and maintenance of the

explored park of machines at PPS and AS TSR are developed.

Tabl.1. Bibliogr. 12 names.