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2010. – № 2. – P. 137-140.

The receipt of information on diagnostic parameters

gives the clear picture of the technical state of diesels. If to

conduct systematization of diagnostic parameters, more precisely

than methods of receipt of information about the technical

state of diesels it is possible to get the level system

which allows with a high probability to diagnose to the exploited

diesels. In work 5 levels of receipt of information

about the technical state of diesels with forward stage clarification

are offered, which theoretical research of dependences

of probability of faultless work from diagnostic parameters

and their weight is conducted on the basis of. Graphic interpretation

of realization of theoretical dependences of probability

of faultless work of diesels is thus presented at the

proper level, diagnostic parameters and their coefficients of

weight from the explored time domain. The conducted experimental

researches of change of diagnostic parameters

depending on time showed adequacy to the theoretical hypotheses.

Il. 2. Bibliogr. 9 names.