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Trineyv O.W. Analysis of the exhaust valves' state of stress after imposed mechanical load in the high-speed diesel / O.W.Trineyv, W.T. Kovalenko, A.T. Tikhonenko, gines.

– 2010. – № 2. – P.65-69.

With growing of temperature mechanical properties of valve's steel have a proof tendency to worsening. Thus growth of level of forcing of modern high-speed diesels is accompanied a simultaneous increase both operating temperatures details GRM and mechanical loadings, in particular maximal pressure in a cylinder.

In work the estimation of the role of mechanical constituent in forming the heat-stressed state of exhaust valves of high-speed diesel has done. The estimation is done on the basis of calculation and experimental researches. Table 6. II.

4. Bibliogr. 7 names.