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Trinyev O.W. Efficiency estimation of the local cooling of cylinder head of diesel KamAZ in an engineless experiment / O.W. Trinyev, W.T. Kovalenko, S.W. Oboznyi,

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2. – P. 19-24.

In the article the results of engineless experiment are analyzed with the design of the local air cooling (LAC) of individual cylinder head (CH) of diesel KamAZ at operating temperatures. Expedience of developments of the LAC systems on the forced diesels of motor-vehicle and tractor type is confirmed with the purpose of the thermal state improvement of CH and details of valvular knot. A substantially greater effect of the temperature decline of the cooled saddle of exhaust valve and valve is experimentally got due to more high heat-conducting CH material ability and improvement of saddle construction, as compared to before got in motor and engineless experiments.

Table. 1. Il. 4. Bibliogr. 5 names.