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**Trineyv A.W., Kosulyn A.G., Kovalenko W.T., Avramenko**

**A.N., Obozniy S.W. Experimental definition temperature of details valves unit of the autotractor diesel engine on nonstationary models loading // Internal combustion engines. –**

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**In article the expediency of carrying out the complex**

**experimental researches connected to thermometry of moving**

**details which purpose is reception of the initial data that necessary**

**for mathematical modeling a heat-stressed condition of**

**details valves unit is proved. The technique of thermometry**

**and estimation error measurement of temperature the exhaust**

**valve of diesel engine SMD18Н is resulted. Il. 4. Bibliogr. 10**

**names.**