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Shpakovsky V.V. Influence of an in part - dynamic heat insulation on a temperature condition of the piston's surface / V.V. Shpakovsky // Internal combustion engines. –

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Existence of rational thickness of heat-insulating corundum layer on the fire surface of the piston providing significant drop of the maximal thermal stream into the piston during combustion in process fuel feeder and diffusive burning is established. Thus there is an increase in the maximal value of scope of a temperature wave at surfaces of heatinsulating corundum layer. On a timing period of filling the temperature corundum layer of a piston's surface becomes lower than temperature of a surface of the bucket without a heat insulation. Il. 8. Bibliogr. 10 names.