

UDC 621.43

Marchenko A.P. Assessment of the impact of temperature sensitive factors on parameters of the high-frequency luctuations in the surface corundum layer of piston /

A.P. Marchenko, V.V. Shpakovski, I.I. Sukachev, A.A.

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Methodology for calculating the high-frequency surface wave in thermal heat-insulated wall of the combustion chamber of an internal combustion engine was developed.

Methodology takes into account the influence of heat insulation on the indicator process. A comparative assessment of the parameters of the high-frequency surface temperature fluctuations in the combustion chamber and heat-insulated piston-engine 4 CHN 12/14 was carried out. Il. 5. Bibliog. 11 names.