UDC 621.436: 539.3: 621.74

Taran S. B. The estimation properties and structure of cast-iron for high-forced engines pistons / S. B. Taran //

Internal combustion engines. – 2011. – № 2. – P. 107-110.

In the article the possibility of speed-up estimation of

thermal endurance of cast-iron is shown by means of the

special criterion. The basic constituent of the criterion is

pattern’s work of deformation in a resiliently-plastic area.

Providing of correct results is possible on condition of stability

of receipt of the set coefficient of degree of compactness

of the graphite including (Qг) in cast-iron, got by means of

computer treatment of metallographic microsections. Il. 1.

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