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Parsadanov I.V., Kharkov, Belik S.U. Multiple-factor analysis of the mechanical losses in high-speed diesel with gas-turbine inflate // Internal combustion engines. – 2008. –

№1. – P. 34-37.

Main factors of the influence of the mechanical losses of

the high-speed diesel with gas turbine inflate are examined. As

a result of the carried out researches on one-cylinder compartment

of a diesel engine 6FSTC13/11,5 the multifactor mathematical

model is developed. The method of central points has

been used for the model’s development. At carrying out of

experiment influencing factors and limits of their variation

have been chosen. The given model allows to make the comparative

analysis of mechanical losses for various updating

engines of this class, to find values of mechanical losses at

various combinations regime and design data. Il. 1. Bibliogr. 4

names.