UDC 621.436

Marchenko A.P., Karjagin I.N., Sukachyov I.I. Feature of evaporation processes and burning out of fuel

in a diesel engine with turbulators elements of the combustion chamber // Internal combustion engines. –

2008. – № 2. – P. 4-8.

Questions of influence of the form of the combustion

chamber on course of working process of a diesel

engine of dimension 12/14 are considered. It is shown,

that application of the combustion chamber with turbulators

elements raises speed of a thermal emission in the

beginning of expansion that improves parameters of a

researched diesel engine. Results of modelling of evaporation

and burning out of fuel are given in view of parameters

of the chamber of combustion. Il. 6. Bibliogr. 8

names.