UDC 621.436.1:621.45.01

Turchin V.T. Estimation of diesel ЧН 12/14 complex design and adjusting parameters impact on the piston heatstressed and resource strength / Turchin V.T., Pylyov

V.O., Belogub O.V., Karyagin I.M., Kovalenko V.T.,

Obozny S.V., Matveenko V.V. // Internal combustion engines.

– 2010. – №1. – Р. 48-51.

An experimental study of diesel engine design and adjusting

parameters influence on its thermal state carried

out. The angle of an advancing fuel injection, air intercooling

and piston cooling influence on the temperature in the combustion

chamber edge defined. The forecasting resource material

strength of the piston at an intermediate air cooling and

the piston oil cooling made. Il. 4. Bibliog. 5 names.