UDC 621.436

Matievsky D.D. A ways to provide perspective environmental norms in ICE through the use of mixed biofuels / D.D. Matievsky, S.S. Kulmanakov // Internal

combustion engines. – 2010. – № 2. – P. 96-99.

This article describes the results of scientific studies on

the effect of oxygenated mixed fuels on indicator’s indexes

process, fuel economy and emissions of toxic components in

exhaust gases of a diesel engine. The presence of chemically

bound oxygen in the molecule of the fuel can dramatically

reduce the amount of harmful emissions. The results of the

diesel’s 1CH13/14 tests are presented. Tests were conducted

on mixtures of methyl ester of rapeseed oil, ethanol, diesel

fuel and rapeseed oil can assess prospects for ecological

characteristics improvement in workflow presented. Table 1.

Il. 2. Bibliogr. 5 names.