**Matievsky D.D., Svistula A.E., Frolkin A.S. Reduction of toxic emissions with exhaust gases of advanced tractor diesel engines line D-3040 // Internal combustion engines. –**

**2008. – №1. – P. 153-156.**

**Ways and method of ecological parameters development**

**of advanced diesel engines line "30" of Altai Motor plant**

**manufactures are considered. It is offered to apply the fivenozzle**

**spray, the combustion chamber with increased diameter,**

**the more productive turbocompressor, it has allowed to carry**

**out transition from "volume - film" process to "volume" process**

**with the more open combustion chamber; first of all it is**

**realized for optimization of carburetion, instead of reduction of**

**thermal losses in the combustion chamber. According to requirements**

**of GOST R 41.96 – 2005 the opportunity of toxic**

**emissions reduction is achieved with conservation of a high**

**level of fuel efficiency. Il. 4. Bibliogr. 3 names.**