**UDC 621.436**

**Levterov A.M., Levterova L.I., Gladkova N.Y. Researches of engines characteristics with spark ignition using benzoethanol fuel compositions // Internal combustion engines.**

**– 2008. – №1. – P. 52-57.**

**The alternative alcohol fuels can be used mainly in engines**

**with spark ignition that is why a behavior of energy converters**

**of this type, in condition of using the fuels with some**

**new properties requires an optimization of operation cycle**

**indices. The analysis of calculation researches of automobile**

**high-speed internal combustion engine characteristics for the**

**type 4CH 79/80 is stated in the article. The engine runs on**

**benzoethanol compositions in wide band of changing its input**

**and output parameters. The engines indices for different fuel**

**compositions are presented as graphical dependences. Il. 7.**

**Bibliogr. 10 names.**