UDC 621.436.03

Ivashenko N.A. Technology of feeding the automobile diesel engine with dimethyl ether-containing mixtures /

N.A. Ivashenko, L.V. Grekhov, A.A. Zherdev // Internal

combustion engines. – 2009. – № 1. – P. 89-92.

The causes and problems of the use of dimethyl ether as

an ecologically friendly fuel for the municipal diesel motor

transport have been studied. А conception of using the dimethyl

ether in combination with diesel fuel mixture has been

substantiated. The fuel supply system and the methods of its

improvement have been described. The operation of diesel

engine in refrigerator truck using the fuel mixture has been

described. The reequipped trucks were operated by automotive

company. As a result the content of harmful substances in discharged

gases was considerably reduced. Il. 4. Bibliogr. 2

names.