

**UDC 62-225:621.311.23**

*B. O.Korobko, Ph. D., Associate Professor,  
A. V.Vasylev, Ph. D., Associate Professor,  
N. V.Voronko, M. V.Golubchenko, Students  
Poltava National Technical University named after Yuri Kondratyuka*

**THE WAY OF WASHING NOZZLE INJECTION ENGINES BY  
CONTROLLED VOLTAGE**

*Proposed during the washing nozzles to use the regulation of the gap between the needle and seat of the nozzle to increase the speed of drilling fluid and changing its direction of motion compared to a working direction of the fuel.*

**Keywords:** *jet, regulation gap, the direction of movement.*