

UDC 621.869

V.O. Shevchenko, PhD, Associate Professor

V.N. Ragulin, assistant

Kharkov National Automobile and Highway University

**THE RESEARCH RESULTS OF ACTING LOADS ON THE
HYDRAULIC CYLINDERS OF THE CONTROL MECHANISM OF A
MIDDLE CLASS MOTOR-GRADER MAIN BLADE**

The research results of studying the loads acting on hydraulic cylinders of the working equipment control mechanism depending on the parameters of its positioning.

Keywords: *motor-grader, hydraulic cylinders , loads.*