

# THE INFLUENCE OF GAS MIXTURE ON WEARING RESISTANCE OF PLASMA NITROCARBURIZING LAYERS

Arthur OLÁH<sup>1</sup>

**Abstract:** *The paper presents some aspects about wearing resistance of plasma nitrocarburizing layers. The research was made on two types of steel: OLC45 and 39MoCrAl15. Wearing resistance was studied in the case of two plasma nitrocarburizing treatments and one classic heat treatment: hardening + tempering.*

**Key words:** *nitrocarburizing, layers, wearing resistance.*