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**ON THE QUESTION OF INCREASING OPERATIONAL
CHARACTERISTICS CONSTRUCTION MACHINES, EQUIPMENT
AND TECHNOLOGICAL EQUIPMENT**

On the basis of the analysis methods improve performance of critical components and engineering products has the most efficient method of hardening the surface layers of parts of construction machinery, equipment and special tooling. Identifies specific activities of research and successful implementation of technology in the production.

Keywords: *hardening coating, detonation sputtering, technological equipment, operational characteristics, technology.*