UDC 621.43  
Garov A.V., Novikov V.G., Pavlov A.A. Influence of structural transformations under the friction on working capacity of interface of top compression ring and sleeve of the cylinder of an automobile diesel engine

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P.83-86.

It is considered the process of structural transformations

in a superficial layer of the tempered sleeve of

cylinders under the friction, leading to the formation of

the reversed austenite. Interrelation between deterioration

and quantity of the reversed austenite for sleeves of

cylinders and the mechanism of their wear process are

revealed. Tabl. 1. Il. 5. Bibliogr. 8 names.