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The methods of hardening the iron crankshafts in vehicular

engines have been considered. The expediency of replacing

the method of high frequency current hardening of the main

journals and rod journals for the iron crankshafts by alternative

method of improving the technical characteristics of friction

pairs, which is based on the principle of discrete hardening and

facilitates their working capacity and reparability, has been

substantiated. Il. 3. Bibliogr. 7 names.