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Alyokhin S.A. Power mountain for armored vehicles /

S.A. Alyokhin, V.V. Saltovskiy, V.I. Prokopovich // Internal
combustion engines. – 2010. – № 2. – P. 54-57.

In offered article the design-technological decisions directed on improvement of dynamic and operating characteristics of military - caterpillar vehicles which provide a reduction of the acceleration time till the maximal traveling speed on earth roads, reduction of traveling fuel and oil consumptions, and also on improvement of the systems providing the operation of the engine in hot conditions (up to +550C) without engine power restriction and with maximal use of regular units are presented. Besides, the problem of provision of long serviceability of electric systems of on parking is solved (in case of operation of in a standby condition) at the idle basic engine due to the introduction of an auxiliary power unit.

Table. 3. Il. 3. Bibliogr. 11 names.