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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 +550С) 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.