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Alyokhin S.A., Popov G.K., Saltovskiy V.V. Perspective auxiliary power unit for surface transport vehicles // Internal

combustion engines. – 2008. – № 1. – P. 5-9.

Materials on application of auxiliary power units (APU)

on the ground transport vehicles are set forth in a paper. The

analysis and substantiation of the APU application expediency

on the ground transport vehicles of various types and purposes

is carried out. Technical characteristics of the perspective APU

are given; their comparison with technical characteristics of the

existing APU which are supplied to the world market by various

manufacturing countries is also given. Main stages of development

and improvement of the APU for the ground transport

vehicles are described. A brief description of the perspective

APU design features is given and feasibility study of the

urgency of its application on the existing and newly developed

transport vehicles is given. Tаblе. 2. Il. 2. Bibliogr. 6 names.