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Marchenko A.P. Investigating the impact produced by sleeve material of high-speed diesel engine on its temperature condition / A.P. Marchenko, N.V. Prokopenko, V.A. Pyliev, V.V. Shpakovsky, I.G. Pozhidaiev / Internal combus-tion engines. – 2009. – №2. p.51-53.

The major measures taken to increase the cylinder sleeve heat conductivity in order to relieve the heat stressed condition of components in combustion chamber have been analyzed. The temperature condition of the fast-speed diesel cylinder sleeve made of aluminum alloy instead of cast-iron has been evaluated. The sleeve temperature condition computational results have been given. Table 1. Іl.3. Bibliogr. 11 names.