

UD 621.18

Gorpinko Yu. The physical advantages and essentials of technology of increasing the temperature gradient of the heat transfer // Internal combustion engines. – 2006 – 1. – P. 105-111.

The special literature as to practical used methods of increasing temperature gradient of the heat transfer has been analyzed. The comparison of the efficiency of increasing the average temperature gradient and intensifying the heat transfer for providing the high efficiency of the heat transfer has been developed analytically. The optimal model which is potentially capable to increase an average temperature gradient of counter-flow heat exchangers with equally heat storages and a cycle of their work has been presented. Bibliogr. 9 names.