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Belousov E.V. The influence on working process of the average speed ship engine by water injection to the working cylinder / E.V. Belousov, M.S. Ageev, V.I. Sviridov //

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In article results of modelling of working process with cooling of air in the course of compression, by water injection directly ahead of closing of the inlet valve are resulted. It is shown, that such way of cooling has no many lacks peculiar to other known methods of use of water in working process.

In particular calculations have shown, that under certain conditions, it is possible to achieve increase of efficiency of working process, with capacity increase. Thus there is a considerable decrease in thermal and mechanical intensity of the engine, and also improvement of its ecological indicators