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Moshentsev U.L. The selection of geometric parameters for the diagonal bundles pipes shell-and-tube ice’s oil coolers / U.L. Moshentsev, A.A. Gogorenko, D.S.

Minchev, V.N. Antonenko // Internal combustion engines. –

2010. – № 1. – P. 53-58.

The results of selection reasonable heat-exchange surface

for shell-and-tube ICE’s oil coolers have shown. The

selection of geometric parameters for heat-exchange surface

was carried out taking into consideration the concrete constraints.

For complex estimation of heat-exchange surface the

modified M.V. Kirpichyova’s criterion is recommended. The

test results of cooler, designed using given recommendations,

for diesel engine 10D100 before and after long operation

have shown. Tаblе. 1. Il. 4. Bibliog. 8 names.