

UDC 62-71: 536.24

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. Table. 1. Il. 4. Bibliog. 8 names.