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Heat Exchanger Design Example..(a) Objective: Design a double pipe heat exchanger with bare inner multi-tubes that can be used to cool engine oil with cold sea water. The following are the design specification: Fluid Engine Oil Sea Water Inlet Temperature, C 65 20 Outlet Temperature, C 55 25 Heat Load, kW 117.9

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Heat Exchanger Design Handbook, Second Edition. CRC Press, 2013. [3] Rohsenow, Warren and James Hartnett and Young Cho. Handbook of Heat Transfer, 3E. New York: McGraw-Hill, 1998. Triboix, Alain. "Exact and Approximate Formulas for Cross Flow Heat Exchangers with Unmixed Fluids." International Communications in Heat and Mass Transfer 36, no ...

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