



Air Cooled Oil Cooler Application Request

(For air to oil heat exchangers)

Please fill out form as completely as possible. Fax completed form to 1-847-731-1010

[Contact Name _____] [Telephone _____] [Date _____]

[Company Name _____] [Fax _____]

[Address _____] [Email _____]

Liquid Side

Air Side

[1. Fluid Type _____]

[6. Altitude _____]

Helpful information if available [a) Specific Gravity _____]
[b) Viscosity _____]
[c) Conductivity _____]
[d) Specific Heat _____]

[7. Flow Rate _____]

[2. Flow Rate _____]

[8. Temperature In _____]

[3. Temperature In _____]

[9. Temperature Out _____]

[4. Desired Temperature Out _____]

10. Fan Drive Electric Hydraulic

[a) Motor Specs _____]

[b) Allowable dbA _____]

[5. Heat Load _____]

Location of Heat Exchanger in System
(check one)

Number of units allowable for application
 Single unit Two or more units (in series or parallel)

Return Line

Off Loop (Kidney Loop)

Other (specify) _____

[Material or Series Requirements _____]

Maximum Allowable Pressure Drop

[Liquid Side _____] [Air Side _____]

[11. Comments _____]

1. Fluid Type - Specific type of fluid to be cooled (such as hydraulic or lubrication oil).
2. Flow Rate - The rate of flow of the fluid to be cooled (such as GPM (gallons per minute)).
3. Temperature In - The temperature of the incoming hot fluid entering the heat exchanger.
4. Desired Temperature Out - The temperature of the exiting cooled fluid from the heat exchanger.
5. Heat Load - The amount of heat to be removed from the hot liquid (such as HP (horse power), Btu/hr.).
6. Altitude - Elevation above sea level that the heat exchanger will operate at.
7. Flow Rate - The rate of flow of the air used for cooling (such as SCFM (standard cubic per minute)).
8. Temperature In - The temperature of the incoming cold air entering the heat exchanger.
9. Temperature Out - The temperature of the heated cold air exiting the heat exchanger.
10. Fan Drive - Motor type specified to drive the fan.
11. Comments - Please fill in any additional information that would assist in sizing the heat exchanger.