

Case Study

Heat Transfer Fluid Heating and Cooling System—50460

SYSTEM DESCRIPTION

Therminol 59 Heat Transfer Fluid Heating & Cooling System, providing 525 deg F Hot Oil for process mold machine heat, and 100 deg F Cool Oil for process mold machine cooling.

The completed system was shipped in Fourteen (14) Modular sections for a simplified and speedy field installation and start-up.



PERFORMANCE DATA

Two (2) 3,000 Gallon ASME Cool Oil Storage Tanks
Two (2) 2,100 Gallon ASME Hot Oil Storage Tanks
Eight (8) 500 GPM, 100 Hp Cool Oil Supply Pumps
Eight (8) 635 GPM, 40 Hp Cool Oil Transfer Pumps
Eight (8) 1,100 GPM, 30 Hp Cooling Tower Pumps
Eight (8) 2.5 MMBTU/hr Heat Exchangers
Four (4) 500 GPM, 100 Hp Hot Oil Supply Pumps
Four (4) 400 GPM, 30 Hp Hot Oil Transfer Pumps
Four (4) 6.0 MMBTU/hr Hot Oil Boilers
Twelve (12) 3-way Temperature Blend Valves
Common Central Controller with Operator Interface



EnviroSep

P. O. Box 857 Georgetown, SC 29442 • Phone: 843-546-7400 Fax: 843-546-7407

COPYRIGHT © 2008 by EnviroSep