



INTERNAL TANK HEATER THERMAL DATASHEET

KOCH HEAT TRANSFER COMPANY LP FIRM BUDGET | CUSTOMER: P.O. BOX 40082 12602 FM 529 ADDRESS: HOUSTON, TEXAS 77240-0082 HOUSTON, TEXAS 77041 CITY/STATE: PH. (713) 466-3535 FAX. (713) 466-3701 TEL/FAX: ITEM NO.: DATE: EMAIL: SERVICE: TANK IS HORIZONTAL \square VERTICAL \square TYPE OF HEATER _____ TANK IS FLOATING ☐ FIXED ☐ TANK HAS AGITATOR ☐ YES ☐ NO TANK HEIGHT _____ft. TANK DIAMETER ft. INSULATION: YES NO IF YES, TYPE (i.e mineral wool, fiberglass, etc.) INSULATION THICKNESS: SIDES in. ROOF in. LOWEST DESIGN AMBIENT TEMPERATURE ______

Output

F TANK CONTENTS INITIAL OR HOLDING ______ ⁰ F HEAT UP TIME FLUID: TEMPERATURE (required if product is heated) FINAL TEMPERATURE *VISCOSITY: _____cps @ _____0 F cps @ _____0 F SPEC. GRAVITY * VISCOSITY INFORMATION MUST BE PROVIDED IF FLUID IS NOT STANDARD (I.E. #6 FUEL OIL, ASPHALT 85/100, ETC). ALSO, PLEASE PROVIDE TWO (2) POINTS IF AVAILABLE. HEATING MEDIUM: STEAM PSIG [@] ⁰ F OR OTHER HEATING MEDIUM: (SPECIFY) $^{\circ}$ $^{\circ}$ F (Btu/lb/ $^{\circ}$ F) $^{\circ}$ F) FLOW RATE ______lb./hr. SPECIFIC HEAT _____ ° F SPECIFIC GRAVITY ٥F T (INLET) THERM. COND. (Btu)(ft) T (OUTLET) ° F VISCOSITY cps ® PSIG ALLOW, PRESS, DROP PRESSURE MATERIALS OF CONSTRUCTION FOR THE HEATER CARBON STEEL ☐ STAINLESS STEEL ☐ IF YES - TYPE ☐ 304 ☐ 304 L ☐ 316 ☐ 316L ☐ OTHER NOTES

send to: info@kochheattransfer.com