



THERMAL PROCESS DEVELOPMENT

Biodiesel

Biodiesel distillation is rapidly becoming more popular as new applications of producing biodiesel are being discovered. The high temperatures needed to distill biodiesel can be difficult to obtain, but a thermal fluid heater can safely and reliably provide these temperatures during the process. Thermal Process Development uses a dual helical coil design to maximize efficiency in heat transfer and designs heaters with very low pressure drops to provide you with an efficient and safe option for your biodiesel processing. Using thermal fluid heating in a hot oil heater is becoming standard in many industries such as manufacturing processes, reactor heating, tank heating, cooking/frying, gas processing, glycol heating and liquid and gas reheating. Thermal oil and thermal fluids can be used for high temperature applications up to 750 F, while glycol and hot water can be used for low temperature processes. Using thermal fluid for process heating has many benefits including being able to heat fluid to high temperatures while staying at low pressures.



APPLICATIONS

- Glycol Heating
- Chemical Reactor Heating
- Amine Reboilers
- Process Heating
- Cooking and Frying
- Platen Heating
- ORC Power Generation
- Plastics Molding and Extrusion
- Biodiesel



Contact Us

If you need design support, engineering or equipment for any kind of reciprocating grate or thermal fluid heater please call us or send an email. Let us know how we can support your plant.

770.203.2772 | sales@thermalpd.com
5665 Atlanta Hwy. Suite 102B-225
Alpharetta, GA 30004

