

## MultiTherm PG-1 compatibility with Paratherm NF

Per the below test results from an independent lab, MultiTherm PG-1 can be mixed with Paratherm NF at any ratio with no impact to the technical properties of the fluid or the operations of the thermal oil system.

FA Test Number:	5573	5574	5575
Sample Date:	10/8/12	10/8/12	10/8/12
Heat transfer fluid:	NF	50/50 mix	PG-1
<b><u>Specific Gravity</u></b> - @ 25°C	0.8762	0.8762	0.8762
<b><u>Viscosity</u></b> - @ 100°F, cSt	20.06	20.07	20.22
<b><u>Flash Point</u></b> - °F	356	356	356
<b><u>Pour Point</u></b> - °F	<-16.6	<-16.6	<-16.6
<b><u>Distillation Range</u></b> – compared to NF			
Overall range - % increased		0.86	1.37
Low range - % increased		1.01	1.56
High range - % increased		0.66	1.12

Attached is the test results log sheet showing all the test data, subsequent data can be provided per request.

Best Regards,

Mark E. Smith  
General Manager

