



## Santex Heat Transfer Fluid

**Santex HTF Series** was designed to meet the tough thermal demands placed on high temperature heat transfer mediums. The synthetic hydrocarbon base stock is well suited to combat the problems of carbon formation on heated surfaces and decreased fluid life as is commonly encountered with conventional petroleum-based fluids without exhibiting the hazardous characteristics found in aromatic heat transfer fluids. The additional benefits of an extremely low vapor pressure and sub-zero pour points allow for increased efficiency while reducing pressure build-up and evaporation losses.

### Physical Properties

	<b>50 HTF</b>	<b>HTF 100</b>	<b>HTF 200</b>
Operating Temp Range	-50 to 500°F	-20 to 600°F	0 to 575°F
Viscosity			
@ 0 °F, cSt	49.80	326.00	812.00
@100 °F, cSt	5.30	18.20	31.85
@200 °F, cSt	1.70	4.38	5.67
@300 °F, cSt	N/A	1.96	2.63
@400 °F, cSt	N/A	1.11	1.39
@500 °F, cSt	N/A	0.71	0.84
@600 °F, cSt	N/A	0.50	0.56
Viscosity			
@ 0 °F, cPs	40.55	271.69	682.06
@100 °F, cPs	4.22	14.89	26.29
@200 °F, cPs	1.32	3.52	4.60
@300 °F, cPs	N/A	1.54	2.09
@400 °F, cPs	N/A	0.86	1.08
@500 °F, cPs	N/A	0.54	0.65
@600 °F, cPs	N/A	0.37	0.42
Density			
@ 0 °F, lbs/gal	6.781	6.941	6.996
@100 °F, lbs/gal	6.633	6.815	6.873
@200 °F, lbs/gal	6.471	6.688	6.752
@300 °F, lbs/gal	6.339	6.562	6.630
@400 °F, lbs/gal	6.192	6.436	6.508
@500 °F, lbs/gal	6.044	6.310	6.386
@600 °F, lbs/gal	5.897	6.184	6.264
Flash Point, °F (°C)	330 (166)	455 (235)	485 (252)
Fire Point, °F (°C)	355 (179)	485 (251)	510 (266)
Autoignition Temperature, °F (°C)	615 (324)	650 (343)	670 (354)

For additional product information contact your local distributor representative or email us at [Info@santexdirect.com](mailto:Info@santexdirect.com)