



Beyond Synthetic™

Hy-Therm[™]707 is a synthetic, heat transfer fluid that is more efficient than mineral oil based fluids. Its thermal conductivity (0.121 BTU/hr ft °F at 400°F) is 50 to 100 percent higher than many widely used heat transfer fluids. This means that heat goes in and comes out of Hy-Therm[™]707 much more quickly. A pound of Hy-Therm[™]707 can hold 30 + percent more heat with its specific heat of 0.665BTU/lb. °F at 400°F. Hy-Therm[™]707 can safely be used in open systems up to 400°F and in closed systems under inert gas at 700°F. Fluid life and system cleanliness can greatly be enhanced when Hy-Therm[™]707 is used with inert gas (nitrogen, etc.) blanketing. Its low temperature fluidity eliminates the need to drain fluid during cold weather shutdowns, a common problem with many heat transfer fluids.

System using Hy-Therm[™]707 are both safer and cleaner. Hy-Therm[™]707 higher flash as up to 25% more heat is removed than comparable petroleum heat transfer oils. Systems remain cleaner as Hy-Therm[™]707 minimizes carbon deposits assuring superior heat transfer efficiency.

Hy-Therm[™]707 is environmentally responsible. All components comply with TSCA, EPA and OSHA requirements.

*All properties are typical and may vary.