



HEAT TRANSFER FLUIDS

700 Kingsland Drive
PO Box 1928
Batavia, IL 60510
USA
Phone: (630) 232-7966
Fax: (630) 232-7968
www.Radcoind.com

XCEL THERM[®] 4000

Heating or cooling from -50°F to 640°F (-45°C to 338°C); non-toxic, odorless and food contact rated; and high heat transfer for increased output. Excellent thermal and oxidative stability.

Key Operating Temperatures

Maximum Bulk Fluid Operating Temperature	338°C	640°F
Maximum Film Temperature	356°C	690°F
Flash Point (Cleveland Open Cup) (ASTM D92)	219°C	426°F
Fire Point (Cleveland Open Cup) (ASTM D92)	249°C	480°F
Autoignition Temperature	349°C	660°F
Pour Point (ASTM D97)	-66°C	-87°F
Normal Boiling Point, 10% fraction	280°C	720°F

Physical Properties*

Appearance	Clear and bright	
Composition	Synthetic Hydrocarbon	
Specific Gravity at 15.6°C (60°F), typical	0.82	
Density at 25°C (77°F)	817 kg/m ³	6.83 pounds/gallon
Coefficient of Thermal Expansion at 200°C (392°F)	0.00086/°C	0.00048/°F
Viscosity at 40°C (104°F), typical	16.9 mm ² /s (cSt)	
Viscosity at 100°C (212°F), typical	3.9 mm ² /s (cSt)	
Water content	≤ 100 ppm	

* Data represents typical laboratory samples and are not guaranteed for all samples.

[®]XCEL THERM is a registered trademark of Radco Industries, Inc.