



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[®] Marine-S

A synthetic HTF specially formulated for use in the marine transportation industry. “Xceltherm[®] Marine S” has exceptionally high fire and flash points and meets or exceeds the Inland Waterways and U. S. Coast Guard guidelines for fired thermal fluid heaters used in inland waterway transportation of heated materials. This includes bulk material handling barges and other waterway transport applications.

TYPICAL PROPERTIES

Key Operating Temperatures		
Maximum Bulk Fluid Operating Temperature	550°F	288°C
Maximum Film Temperature	600°F	316°C
Flash Point (PMCC) (ASTM D93) (min)	389°F	198°C
Flash Point (COC)(ASTM D92) (min)	430°F	221°C
Pour Point	-5.8°F	-21°C
Physical Properties		
Appearance	Clear to pale yellow liquid	
Odor	None	
Composition	Radco-engineered synthetic	
Moisture Content (max)	< 100 ppm	
Density, at 77°F/25°C	7.02 lbs/gal	841 kg/m3
Specific Gravity, at 60°F/15.5°C	0.846	
Kinematic Viscosity, at 104°F/40°C	30.96 cSt	
Kinematic Viscosity, at 212°F/100°C	5.49 cSt	
* Data represents typical laboratory samples and are not guaranteed for all samples		