



HEAT TRANSFER FLUIDS

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XCEL THERM[®] 455FP

High flash point of 445°F (229°C) that meets Coast Guard Marine requirements. A high flashpoint usually means higher viscosities and a sacrifice in efficiency. **Xceltherm[®]455FP** is an improved formulation with more efficient heat transfer for lower operating costs.

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)	379°F	193°C
Flash Point (COC)(ASTM D92)(min)	420°F	216°C
Autoignition Temperature (min)	715°F	379°C
Pour Point	5°F	-15°C
Pumpability, at 300 cSt (mm ² /s)	30°F	-1°C

Physical Properties

Appearance	Bright and clear	
Odor	Faint, oily	
Composition	Severely hydrotreated oil	
Density	7.1 lbs/gal	851 kg/m ³
Moisture Content (max)	<100 ppm	
Kinematic Viscosity, at 104°F/40°C	29.5 cSt	
Specific Gravity, at 77°F/25°C	0.86	

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