



# HEAT TRANSFER FLUIDS

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## XCELTHERM® TLX

### Heavy Duty System Cleaner

"Super" cleaning agent for systems that require removal of heavily degraded fluid that has caused excessive carbon and sludge. This low temperature cleaning leaves the system with a bare metal finish on internal piping in only one day. Drain, flush and refill the system to return it to full efficiency.

Recommended shelf life 1 year after date of manufacture.

### Advantages

- Replace 10% of system volume with XCELTHERM® TLX
- 99% effectiveness at 125°F for 8 hours
- For excessive carbon/sludge removal
- Compatible with all common materials of construction
- System flush required before heat transfer fluid replacement

### Typical Property Table

Key Temperatures		
Maximum Bulk Operating Temperature	125°F	51.7°C
Flash Point (PMCC)(ASTM D93)(min)	460.4°F	238°C
Pour Point (ASTM D97)	-38.2°F	-39°C
Pumpability, at 2,000 mm <sup>2</sup> /s (cSt)	48.2°F	9°C
Pumpability, at 300 mm <sup>2</sup> /s (cSt)	77°F	25°C
Normal Boiling Point, 10% fraction	>572°F	>300°C
Physical Properties		
Appearance	Slightly turbid liquid	
Odor	Faint amine	
Density at 25°C (77°F), pounds/gallon	7.26	
Specific Gravity, at 25°C (77°F) range (typical)	0.87	
Kinematic Viscosity at 40°C (104°F) (ASTM D445)	19-40 cSt	
Kinematic Viscosity at 100°C (212°F) (ASTM D445)	5.0-7.0 cSt	
pH (10% in IPA/Water)(max)	10.0	

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