

UniSource Energy, Inc.
Reclaimed Transformer Oil
Specifications and Typical Properties



Supplier Name	UNISOURCE		
Product Name	Specifications		REC TFO
	Min	Max	Typical
Physical Properties	ASTM NO.		
Color	D 1500	< 5	2.5
Flash Point, COC, °C(°F)	D 92	100 (212)	135 (275)
Gravity,°API @ 60°F	D 287	22	28
Spec.Gravity @ 15°C/15°C	D 1298	0.92	0.88
Viscosity, SUS (cSt) @ 100 F	D 88/D445	50	65
104°F (40°C)			9.5
Pour Point, °C	D 97	-40	-42
CHEMICAL PROPERTIES			
Water Content, %	D 2668	0.4	0.2
PCB's, ppm	D 4059	2	< 2
Carbon Type Analysis	D 2140		
Ca			< 10
Cn			> 40
Cp			> 40

Apr-09

The values shown here are representative of current production. Some are controlled by manufacturing specifications, while others are not. All may vary within modest ranges.