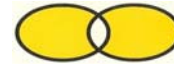


UniSource Energy, Inc.
Specialty Paraffinic Oil
Typical Properties



Supplier Name	UNISOURCE
Product Name	UNIPAR® 100 CC

Test Description	ASTM NO.	
Specific Gravity @ 60°/60°F	D 4052	0.8529
Gravity, °API @ 60°F	D 4052	34.4
Density (Lb/Gal) @ 60°F	D 4052	7.10
Color, ASTM	D 1500	L 0.5
Viscosity, SSU @ 100°F	D 2161	107
Viscosity, SSU @ 210°F	D 2161	40
Viscosity, cSt @ 40°C	D 445	20.3
Viscosity, cSt @ 100°C	D 445	4.07-4.25
Viscosity-Gravity Constant	D 2501	0.803
Aniline Point, °F (°C)	D 611	229 (109)
Pour Point, °F (°C)	D 5949	10 (-12)
Flash Point, °F (°C)	D 92	405 (207)
Composition %:	D 5186	
Saturates		99
Aromatics		0
Polar Compounds		0
Sulfur, ppm	D 1552	<1

Chemical Abstract #	64742-55-8 Dec-11
---------------------	----------------------

*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.*