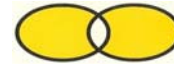


UniSource Energy, Inc.
Specialty Paraffinic Oil
Typical Properties



Supplier Name	UNISOURCE
Product Name	UNIPAR® 70 CC

Test Description	ASTM NO.	
Specific Gravity @ 60°/60°F	D 4052	0.8618
Gravity, °API @ 60°F	D 4052	32.7
Density (Lb/Gal) @ 60°F	D 4052	7.17
Color, ASTM	D 1500	0.5
Viscosity, SSU @ 100°F	D 2161	76
Viscosity, SSU @ 210°F	D 2161	37
Viscosity, cSt @ 40°C	D 445	13.5
Viscosity, cSt @ 100°C	D 445	2.9-3.2
Viscosity-Gravity Constant	D 2501	0.821
Aniline Point, °F (°C)	D 611	208 (98)
Pour Point, °F (°C)	D 5949	-17 (-27)
Flash Point, °F (°C)	D 92	369 (187)
Composition %:	D 5186	
Saturates		99
Aromatics		0
Polar Compounds		0
Sulfur, ppm	D 1552	<1

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