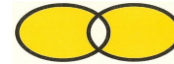


UNISOURCE-ENERGY, LLC
Specialty Paraffinic Oil
Typical Properties



Supplier Name	UNISOURCE
Product Name	UNIPAR® 120 KS

Test Description	ASTM NO.	
Specific Gravity @ 60°/60°F	D 1298	0.861
Gravity, °API @ 60°F	D 287	32.8
Density (Lb/Gal) @ 60°F	D 287	7.17
Color, ASTM	D 1500	<1.0
Viscosity, SSU @ 100°F	D 88	127
Viscosity, SSU @ 210°F	D 88	42
Viscosity, cSt @ 40°C	D 445	24.5
Viscosity, cSt @ 100°C	D 445	4.6
Viscosity Index	D 2270	101
Aniline point, °F (°C)	D 611	219 (103)
Flash Point, COC, °F (°C)	D 92	428 (220)
Pour Point, °F (°C)	D 97	5 (-15)
Refractive Index @ 20°C	D 1747	1.4745
Chemical Composition, Vol. %		
Clay Gel Analysis	D 2007	
Saturates		90
Aromatics		9.8
Polar Compounds		0.2
Aspaltenes		<0.1
Sulfur, Wt.%	D 3120	0.025

Chemical Abstract #	64742-58-1 Nov-07
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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.*