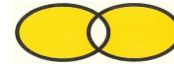


UNISOURCE-ENERGY, LLC
Specialty Parafinic Oil
Typical Properties



Supplier Name	UNISOURCE	
Product Name	UNIPAR® 100 AC	
Test Description	ASTM NO.	
Specific Gravity @ 60°/60°F	D 1298	0.856
Gravity, °API @ 60°F	D 287	33.6
Density (Lb/Gal) @ 60°F	D 287	7.14
Color, ASTM	D 1500	L 0.5
Viscosity, SSU @ 100°F	D 88	106.4
Viscosity, SSU @ 210°F	D 88	40
Viscosity, cSt @ 40°C	D 445	20.28
Viscosity, cSt @ 100°C	D 445	4.10
Viscosity Index	D 2270	103
Aniline point, °F (°C)	D 611	220.7 (104.8)
Pour Point, °F (°C)	D 97	-2 (-18.8)
Flash Point, COC, °F (°C)	D 92	410 (210)
Chemical Composition, mass %		
Clay Gel Analysis	D 2007	
Saturates		90.1
Aromatics		9.8
Polar Compounds		0.1
Asphaltenes		ND
Sulfur, Wt.%	D 4294	0.0026
Chemical Abstract #	64742-65-0	
Meets FDA Procedure	178.3620 C 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.*