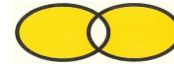


UNISOURCE-ENERGY, LLC
Specialty Paraffinic Oil
Typical Properties



Supplier Name	UNISOURCE	
Product Name	UNIPAR® 80 CC	
Test Description	ASTM NO.	
Specific Gravity @ 60°/60°F	D 1298	0.859
Gravity, °API @ 60°F	D 287	33.5
Density (Lb/Gal) @ 60°F	D 287	7.15
Viscosity, SSU @ 100°F	D 88	75
Viscosity, SSU @ 210°F	D 88	36.5
Viscosity, cSt @ 40°C	D 445	13.2
Viscosity, cSt @ 100°C	D 445	3.1
Viscosity Index	D 2270	71
Aniline point, °F (°C)	D 611	209 (98.0)
Color, ASTM	D 1500	L 0.5
Flash Point, COC, °F (°C)	D 92	352 (178)
Pour Point, °F (°C)	D 97	-10 (-23)
Viscosity Gravity Constant	D 2501	
Sulfur, Wt.%	D 3120	< 1 ppm
Refractive Index @ 20°C	D 1747	1.4525
Chemical Composition, Vol. %		
HPLC and UV, Wt%		
Saturates		99.5
Aromatics		< 0.5
Chemical Abstract #	64742-54-7	
EINECS/EC #	2651571	
	Aug-03	

*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.*