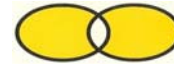


UniSource Energy, Inc.
Specialty Paraffinic Oil
Typical Properties



Supplier Name	UNISOURCE
Product Name	UNIPAR® 4000 MA

Test Description	ASTM NO.	
Specific Gravity @ 60°/60°F	D 1298	0.904
Gravity, °API @ 60°F	D 287	25.0
Density (Lb/Gal) @ 60°F	D 287	7.53
Viscosity, SSU @ 100°F	D 88	4000
Viscosity, SSU @ 210°F	D 88	200
Viscosity, cSt @ 40°C	D 445	795
Viscosity, cSt @ 100°C	D 445	53
Viscosity Index	D 2270	99
Aniline point, °F (°C)	D 611	263.3 (128.5)
Flash Point, COC, °F (°C)	D 92	590 (310)
Pour Point, °F (°C)	D 97	75 (24)
Karl Fischer Water, ppm	D 6304	300
Visual		Dark
Carbon Residue (RAMS)	D 524	2.3

Chemical Abstract #	64741-45-3 Oct-08
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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.*