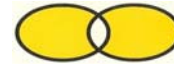


UniSource Energy, Inc.  
Specialty Paraffinic Oil  
Typical Properties



Supplier Name	UNISOURCE
Product Name	UNIPAR® 70 HF

Test Description	ASTM NO.	
Specific Gravity @ 60°/60°F	D 4052	0.8561
Gravity, °API @ 60°F		33.8
Density (Lb/Gal) @ 60°F		7.13
Appearance	Visual	B & C
Color	D 1500	L 0.5
Viscosity, SSU @ 100°F	D 445	72.2
Viscosity, SSU @ 210°F		36.3
Viscosity, cSt @ 40°C		12.65
Viscosity, cSt @ 100°C		2.90
Viscosity Index	D 2270	82
Pour Point, °F (°C)	D 5949	-29 (-34)
Flash Point, °F (°C)	D 92	372 (189)
Fire Point, °F (°C)		419 (215)
Sulfur, wt. %	HPLC/UV	99 min.
Sulfur, ppm	D 5453	<1
Water, ppm	D 6304	33

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.*