

UniSource Energy, Inc. Technical Grade White Oil Typical Properties			
Supplier Name			<b>UNISOURCE</b>
Product Name			<b>UNIPAR®</b>
			<b>SH 220 EP</b>
<b>Test Description</b>	<b>ASTM NO.</b>		
Specific gravity @ 60°F	D 287		0.8035
Gravity, API @ 60°F			44.6
Density (Lb/Gal) @ 60°F			6.69
Color, Saybolt	D 156		30
Cloud point, F (°C)	D 2500		2 (-16.7)
Viscosity			
SSU @ 100°F	D 445		34.3
SSU @ 210°F			
cSt @ 40°C	D 445		2.51
cSt @ 100°C			
Distillation Range, F (°C)	D 86		
IBP			463 (239)
5%			473 (245)
10%			475 (246)
50%			486 (252)
90%			507 (264)
95%			512 (267)
EP			530 (277)
Kauri Butanol	D 1133		25.0
Aniline point, F (°C)	D 611		180 (82.2)
Flash point, Closed Cup, F (°C)	D 93		220 (104.4)
Pour point, F (°C)	D 97		-5 (-20.6)
Refractive Index, 20 °C (68 °F)	D 1218		1.4442
Aromatics, wt %			1
Chemical Abstract #			8042-47-5
			Jan-00

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.