

UniSource Energy, Inc.			
Specialty Petroleum Product			
Specifications and Typical Inspections			
Supplier Name			UNISOURCE
Product Name			UNIPAR®
			100 TOM
Test Description	ASTM NO.		
Specific Gravity @ 60°F	D 1298		0.8550
Gravity, API @ 60°F	D 4052		34.0
Density (Lb/Gal) @ 60°F			7.11
Color, ASTM	D 1500		0.5
Viscosity, SSU @ 100°F			109
Viscosity, SSU @ 210°F			39.5
Viscosity, cSt @ 40°C	D 445		20.8
Viscosity, cSt @ 100°C			4.20
Viscosity Index	D 2270		104
GC Distillation, Off @ 700°F, %	D 2887		16
Volatility, NOACK, wt. %	D 5800		25
Pour Point, F (°C)	D 5950		5 (-15)
Flash Point, COC, F (°C)	D 92		405 (207)
Chemical Composition, mass %			
Aromatics			1.5
Sulfur, ppm	D 2622		< 15
Chemical Abstract #			64742-54-7
			Oct-06

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.