

UniSource Energy, Inc.			
Specialty Petroleum Product			
Specifications and Typical Inspections			
Supplier Name			UNISOURCE
Product Name			UNIPAR®
			150 AC
Test Description	ASTM NO.		
Specific Gravity @ 60°F	D 1298		0.865
Gravity, API @ 60°F	D 287		32.1
Density (Lb/Gal) @ 60°F	D 287		7.2
Color, ASTM	D 1500		L 0.5
Viscosity, SSU @ 100°F	D 88		151
Viscosity, SSU @ 210°F	D 88		43
Viscosity, cSt @ 40°C	D 445		29.3
Viscosity, cSt @ 100°C	D 445		5.12
Viscosity Index	D 2270		102
Viscosity Gravity Constant	D 2501		0.811
GC Distillation, % Off @ 700°F	D 2887E		< 10
Aniline point, F (°C)	D 611		228 (109)
Pour Point, F (°C)	D 97		5 (-15)
Flash Point, COC, F (°C)	D 92		435 (224)
Refractive Index @ 20°C	D 1747		1.4723
Chemical Composition, mass %			
Clay Gel Analysis	D 2007		
Saturates			95.6
Aromatics			4.3
Polar Compounds			0.1
Asphaltenes			ND
Sulfur, Wt.%	D 3120		0.0037
Chemical Abstract #			64742-54-7
EINECS/EC #			
Meets FDA Procedure			178.3620 C
			Dec-05

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.