

UniSource Energy, Inc.			
Specialty Petroleum Product			
Specifications and Typical Inspections			
Supplier Name			UNISOURCE
Product Name			UNIPAR®
			100 AC
Test Description	ASTM NO.		
Specific Gravity @ 60°/60°F	D 1298		0.856
Gravity, °API @ 60°F	D 287		33.7
Density (Lb/Gal) @ 60°F	D 287		7.14
Color, ASTM	D 1500		L 0.5
Viscosity, SSU @ 100°F	D 88		104
Viscosity, SSU @ 210°F	D 88		40
Viscosity, cSt @ 40°C	D 445		19.7
Viscosity, cSt @ 100°C	D 445		4.07
Viscosity Index	D 2270		104
Aniline point, °F (°C)	D 611		221 (105)
Pour Point, °F (°C)	D 97		5 (-15)
Flash Point, COC, °F (°C)	D 92		400 (204)
Chemical Composition, mass %			
Clay Gel Analysis	D 2007		
Saturates			90.1
Aromatics			9.8
Polar Compounds			0.1
Asphaltenes			ND
Sulfur, Wt. %	D 3120		0.005
Chemical Abstract #			64742-65-0
EINECS/EC #			
Meets FDA Procedure			178.3620 C
			Jul-08

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.