

UniSource Energy, Inc.			
Specialty Petroleum Product			
Specifications and Typical Inspections			
Supplier Name			UNISOURCE
Product Name			UNIPAR®
			120 KS
Test Description	ASTM NO.		
Specific Gravity @ 60/60F	D 1298		0.861
Gravity, API @ 60F	D 287		32.8
Density (Lb/Gal) @ 60F	D 287		7.17
Color, ASTM	D 1500		<1.0
Viscosity, SSU @ 100F	D 88		127
Viscosity, SSU @ 210F	D 88		42
Viscosity, cSt @ 40°C	D 445		24.5
Viscosity, cSt @ 100°C	D 445		4.6
Viscosity Index	D 2270		101
Aniline point, F (°C)	D 611		219 (103)
Flash Point, COC, F (°C)	D 92		428 (220)
Pour Point, F (°C)	D 97		5 (-15)
Refractive Index @ 20°C	D 1747		1.4745
Chemical Composition, Vol. %			
Clay Gel Analysis	D 2007		
Saturates			90
Aromatics			9.8
Polar Compounds			0.2
Asphaltenes			<0.1
Sulfur, Wt. %	D 3120		0.025
Chemical Abstract #			64742-58-1
EINECS/EC #			
Meets FDA Procedure			
			Nov-07

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.