

UniSource Energy, Inc.			
Specialty Petroleum Product			
Specifications and Typical Inspections			
Supplier Name			UNISOURCE
Product Name			UNIPAR®
			165 AV
Test Description	ASTM NO.		
Specific Gravity @ 60/60F	D 1298		0.8745
Gravity, API @ 60F	D 287		30.3
Density (Lb/Gal) @ 60F	D 287		7.29
Appearance	Visual		B&C
Color, ASTM	D 1500		L0.5
Viscosity, SSU @ 100F	D 88		157
Viscosity, SSU @ 210F	D 88		
Viscosity, cSt @ 40C	D 445		33.3
Viscosity, cSt @ 100C	D 445		5.4
Viscosity Index	D 2270		98
GC Distillation, % Off @ 700F	D 2887E		7.6
Aniline point, F (C)	D 611		204 (96)
Pour Point, F (C)	D 97		19 (-7)
Flash Point, COC, F (C)	D 92		425 (218)
Chemical Composition, Vol. %			
Clay Gel Analysis	D 2007		
Saturates			67.5
Aromatics			32.3
Polar Compounds			0.2
Asphaltenes			<0.1
Sulfur, Wt.%	D 3120		0.37
Chemical Abstract #			64741-88-4
EINECS/EC #			
Meets FDA Procedure			
			Aug-03

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.