

UniSource Energy, Inc.			
Specialty Petroleum Product			
Specifications and Typical Inspections			
Supplier Name			UNISOURCE
Product Name			UNINAP®
			60 JS
Test Description	ASTM NO.		
Specific Gravity @ 60°F	D 1250		0.887
Gravity, API @ 60°F	D 287		28.0
Density (Lb/Gal) @ 60°F	D 1250		7.39
Color, ASTM	D 1500		L 0.5
Viscosity, SSU @ 100°F	D 88		60.2
Viscosity, SSU @ 210°F	D 88		34
Viscosity, cSt @ 40°C	D 445		9.63
Viscosity, cSt @ 100°C	D 445		2.31
Viscosity Gravity Constant	D 2501		0.86
Aniline point, F (°C)	D 611		167 (75)
Refractive Index @ 20°C	D 1747		1.4819
Flash Point, COC, F (°C)	D 92		280 (137.8)
Pour Point, F (°C)	D 97		<-50 (<-46)
Chemical Composition, Vol. %			
Carbon Type Analysis	D 2140		
Ca			4
Cn			54
Cp			42
Sulfur, Wt. %	D 3120		< 0.003
Chemical Abstract #			64742-53-6
			Nov-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.