

UniSource Energy, Inc.			
Specialty Petroleum Product			
Specifications and Typical Inspections			
Supplier Name			UNISOURCE
Product Name			UNINAP®
			2000 YN
Test Description	ASTM NO.		
Specific Gravity @ 60°/60°F	D 4052		0.951
Gravity, °API @ 60°F			17.2
Density (Lb/Gal) @ 60°F			7.9
Color, ASTM	D 1500		L 2.0
Viscosity, SSU @ 100°F	D 2161		2560
Viscosity, SSU @ 210°F	D 2161		78
Viscosity, cSt @ 40°C	D 445		451
Viscosity, cSt @ 100°C	D 445		14.5
Viscosity Gravity Constant	D 2501		0.889
Aniline point, °F (°C)	D 611		163 (73)
Refractive Index @ 20°C	D 1747		1.519
Flash Point, PMCC, °F (°C)	D 93		433 (223)
Pour Point, °F (°C)	D 97		22 (-5)
Chemical Composition, Vol. %			
Clay Gel Analysis	D 2007		
Saturates			56.8
Aromatics			43
Polar Compounds			0.2
Asphaltenes			0
Sulfur, Wt. %	D 2622		0.02
Chemical Abstract #			64742-52-5
Meets FDA Requirement #			178.3620 C
			Mar-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.