

UniSource Energy, Inc.			
Specialty Petroleum Product			
Specifications and Typical Inspections			
Supplier Name			UNISOURCE
Product Name			UNINAP®
			7000 YN
Test Description	ASTM NO.		
Specific Gravity @ 60/60F	D 1298		0.957
Gravity, API @ 60F	D 287		16.5
Density (Lb/Gal) @ 60F	D 287		8.0
Color, ASTM	D 1500		1.5
Viscosity, SSU @ 100F	D 88		6725
Viscosity, SSU @ 210F	D 88		113
Viscosity, cSt @ 40C	D 445		1150
Viscosity, cSt @ 100C	D 445		22.4
Viscosity Gravity Constant	D 2501		0.887
Aniline point, F (°C)	D 611		170 (76.7)
Refractive Index @ 20C	D 1747		1.523
Flash Point, PMCC, F (°C)	D 93		448 (231)
Pour Point, F (°C)	D 97		37 (3)
Chemical Composition, Vol. %			
Clay Gel Analysis	D 2007		
Saturates			55
Aromatics			45
Polar Compounds			1
Asphaltenes			Nil
DMSO Extraction, %	IP-346		< 3.0
Sulfur, Wt.%	D 3120		0.02
Chemical Abstract #			64742-52-5
Meets FDA Requirement #			178.3620 C
			Mar-05

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.