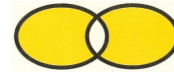


UNISOURCE-ENERGY, LLC  
Specialty Naphthenic Oil  
Typical Properties



Supplier Name	UNISOURCE
Product Name	UNINAP® 40 AV

Test Description	ASTM NO.	
Specific Gravity @ 60°/60°F	D 4052	0.8940
Gravity, °API @ 60°F	D 4052	26.8
Density (Lb/Gal) @ 60°F	D 4052	7.44
Color, ASTM	D 1500	L 0.5
Viscosity, SUS @ 100°F	D 2161	42
Viscosity, SUS @ 210°F	D 2161	31.3
Viscosity, cSt @ 40°C	D 445	4.65
Viscosity, cSt @ 100°C	D 445	1.55
Color Saybolt	D 6045	24
Aniline point, °F	D 611	139
Refractive Index @ 20°C	D 1747	1.485
Flash Point, PM, °F	D 93	244
Pour Point, °F	D 7346	-75
Sulfur, PPM	D 2622	6
Chemical Abstract #		64742-53-6 Aug-18

*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.*