

UniSource Energy, Inc.			
Specialty Petroleum Product			
Specifications and Typical Inspections			
Supplier Name			UNISOURCE
Product Name			UNIPAR®
			70 HF
Test Description	ASTM NO.		
Specific Gravity @ 60°F	D 4052		0.8570
Gravity, API @ 60°F			33.6
Density (Lb/Gal) @ 60°F			7.14
Appearance	Visual		B & C
Color	D 1500		L 0.5
Viscosity, SSU @ 100°F	D 445		71.0
Viscosity, SSU @ 210°F			36.2
Viscosity, cSt @ 40°C			12.33
Viscosity, cSt @ 100°C			2.94
Viscosity Index	D 2270		82
Pour Point, °C (°F)	D 5950		-30 (-22)
Flash Point, °C (°F)	D 92		181 (358)
Fire Point, °C (°F)			215 (420)
Sulfur, wt. %	HPLC/UV		99 min.
Sulfur, ppm	D 5453		1
Water, ppm	D 6304		15
Chemical Abstract #			64742-55-8
			Dec-06

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.