

UniSource Energy, Inc.			
Specialty Petroleum Product			
Specifications and Typical Inspections			
Supplier Name			UNISOURCE
Product Name			UNIPAR®
			230 HF
Test Description	ASTM NO.		
Specific Gravity @ 60°F	D 4052		0.8697
Gravity, API @ 60°F			31.2
Density (Lb/Gal) @ 60°F			7.24
Appearance	Visual		B & C
Color	D 1500		L 0.5
Viscosity, SSU @ 100°F	D 445		216.8
Viscosity, SSU @ 210°F			47.7
Viscosity, cSt @ 40°C			42.06
Viscosity, cSt @ 100°C			6.41
Viscosity Index	D 2270		101
Pour Point, °C (°F)	D 5950		-14 (+7)
Flash Point, °C (°F)	D 92		228 (442)
Fire Point, °C (°F)			257 (495)
Sulfur, wt. %	HPLC/UV		99 min.
Sulfur, ppm	D 5453		1
Water, ppm	D 6304		20
Chemical Abstract #			64742-54-7
			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.