

# PC-10 Fuel Supplier Selection Task Force

## MEMBERS

- Mesfin Belay
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Supplier	Meets Proposed Fuel Spec.	Fuel Batch Certified	Price Index (BASE)	Off Road Dye Charges	PC-10 ULSD Spec. Premium	Transport	Total	Comments
1	Yes	Yes 250,000 gallons, min	Platt's LS #2D	No	\$1.25 per gallon	\$0.09 per gallon	Base + \$1.34 per gallon	Change monthly
2	Yes	Yes 500,000 gallons, min.	Platt's LS #2D	No	\$0.325 per gallon	\$0.24/gl Trailer \$0.14/gl Tank car	Base + \$0.565 or \$0.465	Change with each batch
3	No							

# PC-10 ULSD Fuel Specification

Property	Specification	Test Method
Additives	Lubricity additive only	
Distillation Range, °F 90%	560 - 630	ASTM D 86
Specific Gravity	0.840 – 0.855	ASTM D 4052
API Gravity	34 – 37	ASTM D 4052
Corrosion, 3 h at 50 °C	1 max	ASTM D 130
Sulfur, ppm	7 – 15	ASTM D 5453
Flash Point, °F	130 min	ASTM D 93
Pour Point, °F	0 max	ASTM D 97
Cloud Point, °F	Report	ASTM D 2500
Viscosity at 40 °C, cSt	2.0 – 2.6	ASTM D 445
Ash, weight %	0.005 max	ASTM D 482
Carbon Residue on 10% Bottoms	0.35 max	ASTM D 524
Net Heat of Combustion	Report	ASTM D 3338
Water and Sediment, volume %	0.05 max	ASTM D 2709
Total Acid Number	0.05 max	ASTM D 664
Strong Acid Number	0 max	ASTM D 664
Cetane Index	Report	ASTM D 976
Cetane Number	43 – 47	ASTM D 613
Accelerated Stability, mg/100 ml	1.5 max	ASTM D 2274
Composition		
Aromatics, wt %	26 – 31.5	ASTM D 5186
Olefins, vol %	Report	ASTM D 1319
Saturates, vol %	Report	ASTM D 1319
HFRR, microns	520 max	ASTM D 6079