

**Frontier Oil And Refining Company
El Dorado Refinery
P. O. Box 1121
El Dorado Kansas, 67042-3698**

A-Grade Unleaded Premium Specifications

(Conventional Gasoline – this product does not meet the requirements for reformulated gasoline and may not be used in any reformulated gasoline covered area.)

<u>Product property</u>	<u>Test Method</u>	<u>Minimum</u>	<u>Maximum</u>
Gravity, ° API	D287		Report
Color			Undyed
Volatility (1*)			
Mercaptan Sulfur, wt % (2*)	D3227		0.004
Copper Strip Corrosion	D130		1
Gum, Existent, mg/100ml	D381		4
Oxidation Stability, minutes	D525	240	
Phosphorus, g/gal	D3231		0.003
Lead, g/gal	D5059		0.010
Octane			
RON	D2699		Report
MON	D2700		Report
(R+M)/2		91.0	
Haze Rating	D4176		2
Sulfur, ppm	D2622		300

1. Refer to attached Seasonal Gasoline Volatility Specifications.
2. Mercaptan Sulfur determination is waived if the results of the Doctor Test ASTM D4952 is negative.

A-Grade Unleaded Premium – Seasonal Volatility Specifications

	<u>1 – 15</u>	<u>16 – 31</u>
January	15.0	15.0
February	15.0	15.0
March	13.5	13.5
April	11.5	11.5
May	9.0	9.0
June	9.0	9.0
July	9.0	9.0
August	9.0	9.0
September	9.0	10.0
October	11.5	11.5
November	13.5	13.5
December	15.0	15.0