



Cenex Gasoline Specifications for Laurel MT and Logan MT



	ASTM Method	Min	Specifications	Max
Corrosion 3 hours at 122°F	D130			No. 1
Mercaptan Sulfur, Wt. %	D3227			0.002 (1)
ASTM Gum, mg/100 ml	D381			4.0
Oxidation stability, minutes	D525	240		
Sulfur wt. %	D2622/D5453			0.008
Lead, Grams/Gal.	D3237			0.010
Phosphorus, Grams/Gal.	D3231			0.003
Benzene, Wt. %	D3606			4.9
Silver Corrosion	D130 mod			No. 1
<u>OCTANE GRADE (R+M/2)</u>	D2699/2700			
Unleaded		87.0		
Premium Unleaded		91.0		

FUEL VOLATILITY (2)(5)

	May, June, July, Aug, Sept 1-15	Sept 16-30	April & Oct	Nov thru March	
RVP Max.	8.9 ⁽³⁾	11.5	13.5	15.0	ASTM D5191
V/L of 20 at °F, Min	133	116	116	105	Calc
Driveability Index, Max	1250	1230	1220	1200	ASTM D4814
Distill. Evap. of °F, 760 mm					ASTM D86
10% Max.	158	140	131	122	
50% Min.	170	170	170	150	
50% Max.	250	240	235	230	
90% Max.	374	365	365	365	
End Point Max.	437	437	437	437	
Residue Max., Vol. %	2	2	2	2	
COLOR:	Unleaded	Undyed			
	Premium	Undyed			
	Unleaded				

NOTES:

- (1) May be waived if Doctor negative by ASTM D4952
- (2) Indicates when product should be available at terminal
- (3) Absolute Max. RVP 9.0 as determined by EPA methods

Driveability index= 1.5xT10% +3.0xT50% +1.0xT90%+2.5x%ethanol ; T=evaporated temperatures