

A1X Grade Premium Unleaded Gasoline Specifications

This is for export only and not for retail use in the United States

Product Property	Test Method	Minimum	Origin		Deliveries ^{1/}
			Maximum		
Gravity, ° API	D287		Report		
Color			Undyed		
Volatility ^{2/}					
Distillation	D86	<u>Class A</u>	<u>Class B</u>	<u>Class C</u>	
10% Evaporated °F, max		158	149	140	
50% Evaporated °F, min		170	170	170	
50% Evaporated °F, max		250	245	240	
90% Evaporated °F, max		374	374	365	
Final Boiling Point °F, max		430	430	430	
Residue, vol% max		2	2	2	
Drivability Index, max		1250	1240	1230	
		<u>Class 1</u>	<u>Class 2</u>	<u>Class 3</u>	
Vapor Liquid Ratio °F, min	D5188	129	122	116	
Benzene, vol %	D3606		2.0		
Mercaptan Sulfur, wt % ^{3/}	D3227		0.002		
Copper Corrosion	D130		1		
Silver Corrosion	D7667,7671		1		
Gum, Existent, mg/100 ml	D381		4	5	
Oxidation Stability, minutes	D525	240			
Phosphorus, g/gal	D3231		0.003	0.005	
Lead, g/gal	D3237		0.010	0.05	
Octane					
RON	D2699	94.0			
MON	D2700		Report		
Report (R+M)/2		91.0			
Sulfur, ppm	D2622		80		
Oxygenates, vol %	D4815, D5599		0.05		
Haze Rating ^{4/}	D4176		2	3	
NACE Corrosion	TM0172, D7548	B+			
Odor ^{5/}			Nonoffensive		

- 1/ Delivered products meet all applicable requirements at time and place of delivery.
- 2/ Refer to Seasonal Gasoline Volatility Schedule.
- 3/ Mercaptan Sulfur determination is waived if the result of the Doctor Test ASTM D4952 is negative.
- 4/ Compliance with ASTM D4176 will be determined using Procedure 2 at the following temperatures, adjusted seasonally:

February 16 – September 30	55 °F max
October 1– February 15	45 °F max
- 5/ Any gasoline exhibiting an offensive odor and/or containing more than 0.30 wt % dicyclopentadiene will not be accepted for shipment.