

**Seasonal Gasoline Volatility Classes**  
Shipments From Origin

Reid Vapor Pressure, D5191 <sup>1/</sup>

March 1 - September 15      DVPE using EPA formula <sup>2/</sup>

September 16 – February 28   DVPE

Distillation, ASTM D 86	Class AA	Class A	Class B	Class C	Class D	Class E
10% Evaporated °F, max	158	158	149	140	131	122
50% Evaporated °F, min	170	170	170	170	170	170
50% Evaporated °F, max	250	250	245	240	235	230
90% Evaporated °F, max	374	374	374	365	365	365
Final Boiling Point °F, max <sup>3/</sup>	430	430	430	430	430	430
Residue, vol % max	2	2	2	2	2	2
Driveability Index max ASTM D4814	1250	1250	1240	1230	1220	1200
Vapor/Liquid Ratio = 20:1 °F min. <sup>4/</sup>	<u>Class 1</u> 140	<u>Class 2</u> 133	<u>Class 3</u> 124	<u>Class 4</u> 116	<u>Class 5</u> 105	

- 1/ The RVP of all gasoline deliveries will not exceed applicable Federal, State, or ASTM D4814, Table 2 maximums.
- 2/ The calculation required for the EPA compliance period is published in 40 CFR 80.46.
- 3/ The final boiling point of all gasoline deliveries at terminals will be at or below 437 °F as determined by ASTM D86
- 4/ Although D5188 is the referee test method, the alternative equations in D4814 may be also be used.