Intertek laboratories provide quality specification testing for aviation gasoline fuel. Our global network of laboratories offers 24/7 services, support and expertise. Intertek’s ISO certified laboratories conform to ASTM and other industry standards for quality testing.

Intertek is the only international fuel testing company to offer ASTM D909 Supercharge Rating analysis globally with locations in the USA, UK and the Netherlands. The ASTM D909 test and provides supercharge ratings of spark-ignition aviation gasoline and is designed to measure fuel performance under severe conditions in higher performance engines.

Aviation Gasoline Fuel Testing Includes:

- Motor Octane Number by ASTM D2700
- Aviation Lean Rating by ASTM D2700
- Performance Number (Super-Charge) by ASTM D909
- Tetraethyl Lead by ASTM D5059
- Color by ASTM D2392
- Density by ASTM D4052
- Distillation by ASTM D86
- Vapor Pressure by ASTM D5191
- Freezing Point by ASTM D2386
- Sulfur by ASTM D2622
- Net Heat of Combustion by ASTM D3338
- Copper Corrosion by ASTM D130
- Oxidation Stability – Potential Gum by ASTM D873
- Oxidation Stability – Lead Precipitate by ASTM D873
- Water Reaction – Volume Change by ASTM D1094
- Electrical Conductivity by ASTM D2624

Please contact us for more information on our Aviation Gas capabilities:
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