



# AVIATION GASOLINE TESTING

FULL AVGAS QUALITY TESTING PER THE ASTM D-910 TEST SLATE

**SGS**



ASTM D910 aviation gasoline fuel quality testing is available 24/7 from SGS, supporting USA and international clients. Aviation gasoline samples are routinely packaged and shipped to the USA supercharge testing lab on a global basis. SGS provides the full range of ASTM D910 tests.

The ASTM D909 SuperCharge test provides octane ratings for spark-ignition aviation gasolines. Supercharge testing is often a requirement for Avgas quality. ASTM D909 measures av-gas fuel performance under severe conditions for high performance engines. SGS supercharge testing is impartial, confidential, and independent. Located in the USA, the ASTM D909 test capability is part of the ASTM D910 Standard Specification for Leaded Aviation Gasolines.

#### ASTM D910 TEST SPECIFICATIONS FOR AVIATION GASOLINE:

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

*Additional Tests, as needed*

**SGS PROVIDES FULL FUEL QUALITY TESTING EXPERTISE FOR AVIATION GASOLINE, JET FUEL, AND ALL OTHER REFINED PETROLEUM AND BIOFUEL PRODUCTS.**

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**SGS IS THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY**

**WHEN YOU NEED TO BE SURE**

**SGS**