

ROYCO® 950 CALIBRATION FLUID, AIRCRAFT FUEL SYSTEM COMPONENTS

ROYCO® 950 is a specialized fractionation of a Stoddard solvent with stabilizing additives to prevent the formation of gums and peroxides.

APPLICATIONS

ROYCO® 950 is used in the calibration of fuel system components in both reciprocating and gas turbine aircraft engines.

FEATURES AND BENEFITS

Features

- **Special run Stoddard solvent for controlled properties meeting the exacting requirements for aviation applications.**

APPROVALS & SPECIFICATIONS

ROYCO® 950 meets all requirements of MIL-SPEC: MIL-PRF-7024E Type II.



PACKAGING

ROYCO® 950 is available in 5-gallon pails and 55-gallon drums. Because of regulatory constraints, the actual volume of product is less. This product is sold by weight, not volume.

PROPERTIES	TEST METHOD	ROYCO® 950
Specific Gravity, 15.6°C/15.6°C	ASTM D1298	0.767
Kinematic Viscosity, @ 25°C, cSt	ASTM D1298	1.17
Flash Point, TCC, °C (°F)	ASTM D1298	42 (107)
Total Acid Number, mq KOH/g	ASTM D3242	<0.01
Gum Extant, mg/100 MI	ASTM D381	0.28
Distillation		
Initial Boiling Point, °C (°F)	ASTM D86	158 (315)
Final Boiling Point, °C (°F)		200 (392)
% Recovery		99.1
Aromatics, % volume	ASTM D1319	8.8
Olefins, % volume	ASTM D1319	3.1
Particulates, mg/L	ASTM D2276	0.9
Mercaptan Sulfur, %wt	ASTM D1219	
Doctor Test	ASTM D4954	Sweet
Copper Corrosion, 3 hours, 100oC	ASTM D130	1b
Saybolt Color	ASTM D156	28



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