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MIL-PRF-7024 Type II (MIL-C-7024) Data Sheet

TYPICAL CHARACTERISTICS

<u>Test (ASTM)</u>	<u>Description</u>	<u>Requirement</u>	<u>Result</u>
D 286	Gravity, API @ 60°F (16°C)	51.0-53.5	53.0
D 1298	Specific Gravity @ 60/60°F (16/16°C)	0.765-0.775	0.77
Table 8	Pounds per Gallon @60°F (16°C)	6.386-6.455	6.38
D 445	Viscosity @ 77°F (25°C) cSt	1.12-1.22	1.19
D 381	Gum, existent, mg/100 ml	5.0 Maximum	1
D 86	Distillation		
	Initial Boiling Point, °F (°C)	300 (150) Min.	310 (156)
	Final Boiling Point, °F (°C)	410 (212) Max.	345 (175)
	Recovery, %	98.5 Min.	99
D 56	Flash Point, TCC °F (°C)	100 (38) Min.	104 (40)
D 235	Mercaptain Sulfur, % (or Doctor Test)	0.001 Max.	Pass
D 130	Copper Corrosion		1
	3 hrs @ 212°F (100°C)	1 Max.	1b
D 1319	Aromatics, % Volume	20 Max.	0.7
D 1319	Olefins, % Volume	5.0 Max.	1.0
D 2276	Particulate Matter, mg/liter	2.0 max.	0.55
D 3242	Total Acid Number, mgKOH/gm	0.015 Max.	0.005

Subject to usual manufacturing tolerances.

- DESCRIPTION:** Is a special run Stoddard solvent calibrating fluid.
- Temperature Range:** Is designed to operate over the temperature range of 10°C to 30°C (50°F to 86°F)
- Application:** Is designed for use in the calibration of fuel system components for aircraft reciprocating engines and in gas turbines. It is compatible with Nitrile PVA and Viton, but not recommended for use with butyl rubber, natural rub neoprene or EPDM.
- Specification:** Meets the requirements of MIL-PRF-7024 Type II.