

FLU-TRAN I TRANSFORMER OIL

Flu-Tran Type I Transformer Oil is a private label negative gassing electrical insulating oil produced from severely hydrotreated base oil meeting all specs of ASTM D 3487.

TEST DESCRIPTION	TEST METHOD	SPECIFICATIONS		TYPICALS
		MIN	MAX	
PHYSICAL PROPERTIES				
Viscosity, CST at 40°C	ASTM D 445		12.0	9.3
Viscosity, CST at 100°C	ASTM D 445		3.0	2.5
Pour Point, °C	ASTM D 97		-40.0	-45
Flash Point, COC, °C	ASTM D 92	145		175
Specific Gravity @ 15°C/15°C	ASTM D 1298		0.9100	0.83
Neutralization Number, mg KOH/gm	ASTM D 974		0.03	<.01
Interfacial Tension @ 25°C, dynes/cm	ASTM D 971	40		50
Karl Fischer Water, ppm	ASTM D 1533		35.0	12
Inhibitor Content, %	ASTM D 2668	0.15	0.08	0.05
ELECTRICAL PROPERTIES				
Dielectric Breakdown @ 60 Hz, disk electrodes kV	ASTM D 877	30		50
Dielectric Breakdown @ 60 Hz, VDE, kV (2.03-mm) gap	ASTM D 1816(a)	35		75
Power Factor, % @ 25°C	ASTM D 924		0.05	0.005
Power Factor, % @100°C	ASTM D 924		0.30	0.1
Gassing Tendency, uL/min	ASTM D 2300		30	-10
CHEMICAL PROPERTIES				
Oxidation Stability	ASTM D 2440			
72 hr. Sludge, % by mass			0.15	<.01
Total Acid Number, mg KOH/g			0.5	<.01
164 hr. Sludge, % by mass			0.3	<.01
Total Acid Number, mg KOH/g			0.6	<.01
Corrosive sulfur	ASTM D 1275B		non-corrosive	PASS
Aniline Point, °C	ASTM D 611	63.0		88
PCB Content, ppm	ASTM D 4059		NONE DETECTED	ND
APPEARANCE			CLEAR / NO PARTICULATES	CLEAR

Flu-Tran I Transformer Oil Manufactured and Distributed by: Fluids, Inc.

4271 Rifle Range Rd, Vicksburg, MS 39180 | www.fluidsInc.net