

TRAFOL ASTM IN

TRAFOL ASTM II is a superior quality Transformer Oil fully complying with the ASTM D 3487 2008 Type II specifications. It possesses excellent electrical and low temperature properties and oxidation stability.

S.	Charactoristic	Unit	Test	Typical Data	
No.		Unit	Method	Min.	Max.
Α.	Physical				
1	Aniline Point	°C	D 611	63	
2	Colour	-	D 1500		0.5
3	Flash Point	°C	D 92	145	
4	Interfacial Tension at 25°C	mN/m	D 971	40	
5	Pour Point	°C	D 97		-40
6	Relative Density (specific gravity) 15°C	-	D 1298		0.91
7	Viscosity At 100°C At 40°C At 0°C	cSt (SUS)	D 445/ D2161		3.0 (36) 12.0 (66 76.0 (350)
8	Visual Examination	-	D 1524	Clear & Bright	
В.	Electrical				
9	Dielectric Breakdown Voltage at 60Hz Disc Electrodes VDE Electrodes, 0.040 in (1.02mm) 0.08 in (2.03 mm) gap	kV	D 877 D1816	30 20 35	
10	Dielectric Breakdown Voltage, Impulse conditions 25°C, Needle negative to sphere grounded. 1 in. (25.4 mm) gap	kV	D 3300	145	
11	Gassing Tendency	µL min	D 2300		+30
12	Dissipation Factor (or power factor) at 60 Hz At 25°C At 100°C	%	D 924		0.05 0.30
C.	Ovidation Stability (acid sludge test)				
13	72 h: Sludge by mass Total acid number 164 h: Sludge by mass Total acid number	% by mass mg KOH/gm	D 2440		0.1 0.3 0.2 0.4
14	Oxidation Stability (Rotating Bomb Method)	Minutes	D 2112	195	
15	Oxidation Inhibitor content	% by mass	D 2668		0.30
16	Corrosive Sulphur	-	D 1275	Non-co	orrosive
17	Water	ppm	D 1533		35
18	Neutralisation Number, Total Acid number	mg KOH/ gm	D 974		0.03
19	PCB content	ppm	D 4059	Not detectable	

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