

### TRAFOL IS335 IN Type I

TRAFOL IS335 IN is a premium Inhibited Transformer Oil meeting the Bureau of Indian Standards: IS 335 — 2018 Type I specifications. The oil possesses excellent electrical and oxidation stability characteristics.

S. No.	Characteristic	Unit	Test Method	Guaranteed Data	
				Min.	Max.
A.	Function				
1	Viscosity at 40°C	cSt	IS 1448 (Part 25)		15
2	Viscosity at -30°C	cSt	IS 1448 (Part 25)		1800
3	Pour Point	°C	IS 1448 (P 10/ Sec 2)		-40
4	Water Content, Bulk/ Drum	ppm	IEC 60814		30/40
5	Breakdown Voltage		IS 6792		
	As delivered/ After treatment	kV		30 / 70	
6	Density at 20°C	g/ml	IS 1448 (Part 16)		0.895
7	DDF at 90°C	-	IS 16086		0.005
8	Particle content	-	IS 13236	No General Requirement	
B.	Refining/ Stability				
9	Appearance	-	-	Clear, free from sediment and suspended matter	
10	Acidity	mgKOH/gm	IEC 62021-1		0.01
11	Interfacial tension	mN/m	ASTM D971	No General Requirement	
12	Total Sulphur content	%	ISO 14596 or ASTM D4294	No General Requirement	
13	Corrosive Sulphur	-	DIN 51353	Not corrosive	
14	Potential Corrosive Sulphur	-	IS 16310	Not corrosive	
15	DBDS	mg/Kg	IS 16497 (Part 1)	Not detectable (<5)	
16	Inhibitors	%	IS 13631/ IEC 60666	Inhibited (0.08 — 0.4)	
17	Metal passivator additives	mg/Kg	IS 13631/ IEC 60666	Not detectable (<5)	
18	Other additives	-		Does not contain any other additives	
19	2-Furural and related compounds content	mg/Kg	IS 15668	Not detectable (<0.05) for each individual compound	
C.	Performance				
20	Oxidation Stability		IS 12422 (Method C) Test duration — (I) Inhibited Oil 500 hrs.		
a)	Total acidity	mgKOH/gm	1.9.4 of IS 12422		1.2
b)	Sludge	%	1.9.1 of IS 12422		0.8
c)	DDF at 90°C	-	1.9.6 of IS 12422		0.5
21	Gassing Tendency	-	IEC 60628, Method A	No General Requirement	
22	ECT	-	-	No General Requirement	
D.	Health, Safety and Environment (HSE)				
23	Flash Point	°C	IS 1448 (Part 2)	135	
24	PCA content	%	IP 346		3
25	PCB content	mg/Kg	IS 16082	Not detectable (<2)	

Disclaimer: Manufacturer makes no warranties, representation or conditions of any kind, expressed or implied, for use with respect to these products. Final determination of suitability of these products for the application contemplated by the user is solely the user's responsibility.