

TRANSOL GIS I

S.N.	PROPERTY	TEST METHOD	LIMITS
1- Function:			
1	Viscosity at 40 °C	IS-1448 (Part 25)	12 mm ² /s ,Max
2	Viscosity at 0 °C	IS-1448 (Part 25)	NA
3	Viscosity at - 30 °C	IS-1448 (Part 25)	1800 mm ² /s,Max
	Viscosity at - 40 °C	IS-16084	NA
4	Pour Point	IS1448(Part10/Sec2)	- 40 °C Max.
5	Water Content	IEC 60814	1) 30 mg / kg)Max for Bulk Supply 2) 40 mg/kg Max for Drum Supply
6	Breakdown voltage	IS 6792	i) 30 Kv Min Delivered ii) 70 kV after Treatment
7	Density at 20 °C	IS 1448(Part 16)	0.895 g / ml Max
8	DDF at 90 °C	IS 16086 , IEC 60247	0.005, Max
9	Particle content	IS 13236	No general requirement
2 - Refining / Stability			
10	Appearance	-	Clear, free from sediment and suspended matter
11	Acidity	IEC 62021 - 1	0.01mg KOH / gm Max.
12	Interfacial Tension mN/m	ASTM D971	No general requirement
13	Total Sulphur Content	ISO14596orASTM D4294	No general requirement
14	Corrosive Sulphur	DIN 51353	Not corrosive
15	Potentially Corrosive Sulphur	IS 16310	Not corrosive
16	DBDS	IS 16497 (Part 1)	Not detectable (< 5 mg/kg)
17	Inhibitors of IEC 60666	IS 13631	(U) Unhibited Oil; Not detectable(< 0.01%)
18	Metal passivator additives of IEC 60666 to IS13631	IS 13631	Not detectable (< 5 mg/kg) or as agreed upon with the purchaser
19	Other additives	-	NIL
20	2 - Furfural & related comp.content	IS 15668	Not detectable (< 0.05mg/kg) for each individual compound
3 - Performance :			
21	Oxidation Stability	IS 12422 (method C)	
		Test duration	
		(U) Uninhibited Oil : 164 h	
a)	Total acidity	1.9.4 of IS 12422	1.2 mg KOH / gm Max
b)	Sludge	1.9.4 of IS 12422	0.8% Max
c)	DDF at 90 °C	1.9.4 of IS 12422	0.500 Max
22	Gassing tendency	IEC 60628: 1985, Method A	No general requirement
23	ECT	See 6.14	No general requirement
4 - Health , safety and environment :			
24	Flash point	IS 1448 (Part 21)	135 °C, Min
25	PCA content	IP 346	3.0 %, Max
26	PCB content	IS 16082 / ASTM-D-4059	Not detectable (< 2 mg/kg)

TRANSOL GIS TYPE I has excellent Electrical and Oxidation stability Properties . It is specially Manufactured from highly Refined Base Oil .The Product fully complies with Indian Standards IS 335-2018 TYPE I Uninhibited