TRANSOL GIS I

SAVITA
bonds build businesses

Sr.No.	PROPERTY	TEST METHOD	GUARANTEED DATA	
	A. Function		**Minimum**	**Maximum**
1	Viscosity at 40 °C	IS 1448 (Part 25)		12 mm^2/s
	Viscosity at -30 °C	IS 1448 (Part 25)		1800 mm^2/s
2	Pour Point	IS 1448 (Part 10/ Sec 2)		- 40 °C
3	Water Content	IEC 60814		30 mg/kg (Bulk)
				40 mg/kg (Drum)
4	Breakdown Voltage	IS 6792	30 kV (Delivered)	
			70 kV (After Treatment)	
5	Density at 20 °C	IS 1448 (Part 16)		0.895 g/ml
6	DDF at 90 °C	IS 16086		0.005
7	Particle Content	IS 13236	No general requirment	

	B. Refining / Stability		**Minimum**	**Maximum**
8	Appearance		Clear, free from sediment & suspended matter	
9	Acidity	IEC 62021 - 1		0.01 mg KOH /gm
10	Interfacial Tension	ASTM D971	No general requirement	
11	Total Sulphur Content	ISO 1459 or ASTM D4294	No general requirement	
12	Corrosive Sulphur	DIN 51353	Not corrosive	
13	Potentially Corrosive Sulphur	IS 16310	Not corrosive	
14	DBDS	IS 16497 (Part 1)	Not detectable (< 5 mg/kg)	
15	Inhibitors of IS 13631/ IEC 60666	IS 13631	(U) Uninhibited Oil : Not detectable (< 0.01 %)	
16	Metal Passivator Additives according to IS 13631/ IEC 60666	IS 13631	Not detectable (< 5 mg/kg) or as agreed upon with the purchaser	
17	Other additives		NIL	
18	2 - Furfural & related compounds content	IS 15668	Not detectable (< 0.05 mg/kg) for each individual compound	

	C. Performance		**Minimum**	**Maximum**
19	Oxidation Stability at 120 °C	IS 12422 (Method C)		
		Test duration		
		(U) Uninhibited Oil : 164 h		
a)	Total acidity	1.9.4 of 12422		1.2 mg KOH/g
b)	Sludge	1.9.4 of 12422		0.8 %
c)	DDF at 90 °C	1.9.4 of 12422		0.500
20	Gassing tendency	IEC 60628, method A	No General requirement	
21	ECT	See 6.14	No General requirement	

	D. Health , Safety & Environment (HSE)		**Minimum**	**Maximum**
22	Flash point	IS 1448 (Part 21)	135 °C	
23	PCA content	IP 346		3 %
24	PCB content	IS 16082	Not detectable (< 2 mg/kg)	

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

SAVITA OIL TECHNOLOGIES LIMITED
66/67, Nariman Bhavan, Nariman Point, Mumbai 400 021, India.
+91 22 2281 8042 | tomktg@savita.com
ibd@savita.com | technical.services@savita.com | www.savita.com