

Sr. No.	CHARACTERISTICS	TEST METHOD	GUARANTEED DATA	
			Min	Max
1	Appearance	A representative sample of the oil shall be examined in a 100mm thick layer at 27°C	The oil shall be clear, transparent & free from suspended matter/sediments	
2	Density at 29.5°C, kg/dm ³	IS :1448 (P : 16)- 1990		0.89
3	Kinematic Viscosity at 27°C, cSt	IS :1448 (P : 25)- 1976		27
4	Interfacial tension at 27°C, N / m	IS :6104 - 1971	0.04	
5	Flash Point, P.M.C.C, °C	IS : 1448 (P : 21)- 1992	140	
6	Pour Point, °C	IS :1448 (P : 10)-1970		-6
7	Neutralisation Value	IS :1448 (P : 2)-1967		0.03
	[a] Total acidity, mg KOH/g			
	[b] Inorganic acidity/alkalinity, mgKOH/g		NIL	
8	Corrosive sulphur	Annex B(IS-335/93)	Non -Corrosive	
9	Electric strength (BDV)	IS :6792 - 1992	30	
	[a] New unfiltered oil, kV (rms)			
	[b] After filtration, kV (rms)		60	
10	Di - electric dissipation factor (Tan δ) at 90°C	IS :6262 - 1971		0.002
11	Specific resistance, ohm - cm	IS :6103 - 1971		
	[a] At 90°C			
	[b] At 27°C		Min. 35X10 ¹²	
				Min. 1500 x10 ¹²
12	Oxidation stability at 100°C	IS :12422 - 1988		0.40
	[a] Neutralisation Value, after oxidation, mg KOH/g			
	[b] Total sludge after oxidation, % by Wt			0.10
13	Ageing characteristic at 115°C After accelerated Ageing (open beaker method with copper catalyst)	IS :12177 - 1987		
	[a] Specific resistance, ohm - cm	IS :6103 - 1971		
	(1) At 27°C		Min. 2.5 x 10 ¹²	
	(2) At 90°C		Min. 0.20 x 10 ¹²	
	[b] Di - electric dissipation factor (Tan δ) at 90°C	IS : 6262 - 1971		0.2
	[c] Total Acidity, mg KOH/g	IS :1448 (P : 2) - 1967		0.05
	[d] Total sludge Value, % by Wt	Annex A of IS :12177		0.05
14	Oxidation Stability (Rotating bomb test)	IS :12958	195 Minutes	
15	Presence of Oxidation Inhibitor, %	IS :13631 - 1993		0.3
16	Water Content, ppm	IS :13567 - 1992		50

TRANSOL GIX has excellent electrical and oxidation stability properties. It is specially manufactured from highly refined base oils. The product fully complies with IS-12463 specification.

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

Issue No ...1 of Feb. 2013
Revision....00