TRANSOL HGPX



r.No.	PROPERTY	TEST METHOD	GUARANTEED DAT	GUARANTEED DATA	
	1 - Function		Minimum	Maximum	
1	Viscosity at 40 °C	ISO 3104		12 mm ² /s	
	Viscosity at − 30 °C	ISO 3104		1800 mm ² /s	
2	Pour Point	ISO 3016		- 40 °C	
3	Water Content	IEC 60814		30 mg/kg (Bulk)	
				40 mg/kg (Drum)	
4	Breakdown Voltage	IEC 60156	30 kV (Delivered)		
			70 kV (After Treatment)		
5	Density at 20 °C	ISO 3675 or ISO 12185		895 kg/m ³	
	Density at 29.5 °C	ISO 3675 or ISO 12185		0.890 g/ml	
6	DDF at 90 °C	IEC 60247		0.005	
	2 - Refining / Stability		Minimum	Maximum	
7	Colour	ISO 2049		L 0.5	
8	Appearance		Clear, free from sediment & suspended matter		
9	Acidity	IEC 62021-1 or IEC 62021-2	·	0.01 mg KOH /gm	
10	Interfacial Tension	IEC 62961 or ASTM D971	43 mN/m		
11	Total Sulphur Content	ISO 8754 or ISO 20847		0.05 %	
12	Corrosive Sulphur	DIN 51353	Not corrosive		
	Corrosive Sulphur	ASTM D 1275 B	Not corrosive		
13	Potentially Corrosive Sulphur	IEC 62535	Not corrosive		
14	DBDS	IEC 62697-1	Not detectable (< 5 mg/kg)		
15	Inhibitors of IEC 60666	IEC 60666	(I) Inhibited Oil : 0.08 % to 0.40 %		
16	Metal Passivator Additives	IEC 60666	Not detectable (< 5 mg/kg), or as agreed upon with		
	of IEC 60666		the purchaser		
17	Other additives		Does not contain any additive		
18	2 - Furfural & related compounds content	IEC 61198	Not detectable (< 0.05 mg/kg) for each i	ndividual compound	
19	Stray Gassing under thermos	Procedure in clause A .4			
	oxidative stress	(Oil Saturated with air) in			
	Hydrogen (H2)	the presence of copper	Non Stray Gassing (< 50) µl/l		
	Methane (Ch4)		Non Stray Gassing (< 50) µl/l		
	Ethane (C2H6)		Non Stray Gassing (< 50) μl/l		
	3 - Performance		Minimum	Maximum	
20	Oxidation Stability at 120 °C	IEC 61125			
		Test duration			
		(I) Inhibited Oil : 500 h			

	3 - Performance		Minimum	Maximum
20	Oxidation Stability at 120 °C	IEC 61125		
		Test duration		
		(I) Inhibited Oil : 500 h		
a)	Total acidity	4.8.4 of IEC 61125 : 2018		0.3 mg KOH/g
b)	Sludge	4.8.1 of IEC 61125 : 2018		0.05 %
c)	DDF at 90 °C	4.8.5 of IEC 61125 : 2018		0.050

	4 - Health , Safety and Environment		Minimum	Maximum
21	Flash point	ISO 2719	135 ℃	
22	PCA content	IP 346		3 %
23	PCB content	IEC 61619	Not detectable (< 2 mg/kg)	

⁻TRANSOL HGPX has an excellent Electrical and Oxidation Stability Properties. It is specially manufactured from highly Refined Base Oil.

⁻ The Product fully complies with IEC 60296:2020, TYPE A, Inhibited Standard Grade Oil Edition 5.0 $\,$