TOAP 1020-60HX

TOAP 1020-60 HX is a High Grade Trace Inhibited Transformer Oil with higher oxidation stability and lower sulphur content meeting the IEC 60296-2003-11, 3rd Edition Standard- Specific Requirement for Special Applications Specification. It also meets the ASTM D 1275 B Test requirement for Corrosive Sulphur.

Sr No	Characteristics		Unit	Test Method		Guaranteed Data	
						Min	Max
1	Appearance			Visual inspection of oil sample in transmitted light under a thickness of 10 cm at ambient temperature		Clear free from sediment and suspended matter	
2	Density at 20℃		Kg/dm³	ISO 3675 or IEC 12185			0.895
3	Kinematic Viscosity at 40℃		mm²/sec	ISO 3104			12
	at -30℃						1800
4	Flash Point, PMCC		℃	ISO 2719		135	
5	Pour Point		℃	ISO 3016			-40
6	Inter Facial Tension at 25℃		mN/m	ISO 6295(Where it is used as general requirement)		No General Requirement 40 min	
7	Acidity		mg KOH/gm	IEC 62021-1			0.01
8	Water Content, Bulk/Drum		mg/kg	IEC 60814			30/40
9	Breakdown Voltage AS Delivered/After Treatment		kV	IEC 60156		30/70	
10	Dielectric Dissipation Factor (Tanδ) 90℃＆40 to 60 Hz			IEC 60247 or IEC 61620			0.005
11	Corrosive Sulphur Silver Strip,100℃,18Hrs Copper Strip,150℃,48Hrs			DIN 51353 ASTM D 1275 B		Non Corrosive Non Corrosive	
12	Total Sulphur Content		%	BS 2000 Part 373 or ISO 14596			0.15
13	Anti Oxidant Addictives		%	IEC 60666		(I)Inhibited Oil	
						0.08	0.40
14	Oxidation Stability			IEC 61125 Method C			
	at 120℃, 500 Hrs	Total Acidity	mg KOH/gm				0.3
		Sludge	%				0.05
		DDF at 90℃		IEC 60247			0.05
15	Gassing Tendency		μL/min	IEC 60628- A		No General Requirement (Also available with negative gassing)	
16	PCA content		%	BS 2000 Part 346			3
17	PCB content		mg/kg	IEC 61619		Not Detectable	
18	2- Furfural Content		mg/kg	IEC 61198			0.1