



Sr. No.	Test Parameters	Unit	Test Method	Test Results	
				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(gm/dm ³) @20°C	g /ml	ISO 3675 or IEC 12185		0.895
3.	Kinematic Viscosity @40°C mm ² / sec @-30°C mm ² / sec	Mm ² / sec	ISO 3104	12 1800	
4	Inter facial Tension @25°C N/m	mN / m	EN 14210 or ASTM D 971 (Where it is used as general requirement)	No General Requirement 40 min	
5	Flash Point PMCC	°C	ISO 2719	135	
6	Pour Point,	°C	ISO 3016		-40
7	Acidity	mgKOH/gm	IEC 62021-1 or IEC 62021-2		0.01
8.	Water Content (PPM) In Bulk/In Drum	mg / kg	IEC 60814	30 / 40	
9.	Break Down Voltage (KV.) As Delievered/After Treatment		IEC 60156	30/ 70	
10.	Dissipation Factor(Tan Delta) @ 90°C & 40°C to 60Hz		IEC 60247 or IEC 61620	0.005	
11.	Corrosive Sulphur a) Silver Strip 100°C, 18 HRS b) Copper Strip, 150°C, 48 HRS		DIN 51353 ASTM D1275 B	Non Corrosive Non Corrosive	
12	Potentially Corrosive Sulphur		IEC 62535	Non Corrosive	
13.	DBDS	mg / kg	IEC 62697-1 (in preparation)	Not Detectable (< 5 mg/kg)	
14.	Total Sulphur Content	%	IP 373 or ISO 14596	No General Requirement	
15.	Inhibitors of IEC 60666 (Anti Oxidant additives)	%	IEC 60666	(I) Inhibited Oil 0.08 Min. to 0.40 Max.	
16.	Metal Passivator additives of IEC 60666	mg / kg	IEC 60666	Not Detectable (< 5 mg/kg)	
17.	Other Additives			Does not contain any additives other the antioxidant addtive	
18.	Oxidation Stability at 120 °C, 332 Hrs		IEC 61125 Method C		
	Total Acidity	mg KOH /gm	1.9.4 of IEC 61125 : 1992		1.2
	Sludge	%	1.9.1 of IEC 61125 : 1992		0.8
	DDF at 90 o C		1.9.6 of IEC 61125 Amendment 1 (2004) + IEC 60247		0.500
19.	Gassing Tendency	µ L / min	IEC 60628 : 1985 Method A	No General Requirement	
20.	PCA Content	%	IP 346	3	
21.	PCB Content	mg / kg	IEC 61619	Not Detectable (< 2mg /kg)	
22.	2 – Furfural and related compounds content	mg / kg	IEC 61198	Not Detectable (< 0.05 mg/kg) for each individual compound	
23.	Stray Gassing		See 6.22 of IEC 60296	No General Requirement	
24.	ECT		See 6.14 of IEC 60296	No General Requirement	
25.	Particle Content		IEC 60970	No General Requirement	

Packing: 210 Liters Net New Mild Steel Drums

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