

Divyol Trans – 10 & 20

Divyol Trans – 10 & 20 is an **Uninhibited Transformer Oil** meeting BS 148 Class I & Class II: 1984 Standard Specification. It also meets the ASTM D 1275 B Test requirement for Corrosive Sulphur.

Sr. NO.	Characteristics	Unit	Test Method	Specification of DIVYOLTRANS - 10-BS-I (BS 148 Class I)	Specification of DIVYOLTRANS - 20-BS-II (BS 148 Class II)
1	Appearance		Representative sample of the oil shall be examined in transmitted light under an oil depth of 100 mm at ambient temperature	Clear free from sediment and suspended matter	Clear free from sediment and suspended matter
2	Density at 20° C (Max)	kg / dm ³	BS 4714	0.895	0.895
3	Kinematic Viscosity	mm ² /sec	BS 2000 Part 71		
	a) at 40° C (Max)			11	11
	b) at -30° C (Max)			No General	1800
	c) at -15° C (Max)			800	No General
4	Flash Point, PMCC (Min)	°C	BS 2000 Part 34	140	140
5	Electric Strength Breakdown Voltage (BDV)		BS 5874		
	a) As Delivered (Min)	kV		30	30
6	Dielectric Dissipation Factor (Max) tan Delta at 90° C & 40 to 62 Hz		BS 573	0.005	0.005
7	Corrosive Sulphur Copper Strip, at 140° C, for 19 Hrs Copper Strip, at 150° C, for 48 Hrs		BS 5680 : 1979 ASTM D 1275 B	Non Corrosive No General Requirement	Non Corrosive Non Corrosive
8	Anti Oxidant Additives	%	BS 5984 : 1980	Not Detectable	Not Detectable
9	Oxidation Stability at 120° C, for 164 Hrs		BS 148 : 1984 Appendix A		
	a) Total Acidity (Max)	mg KOH/gm		1.5	1.5
	b) Sludge (Max)	%		1.0	1.0
10	Gassing tendency at 50 Hz after 120 minutes (Max)	mm ³ /min	BS 5797 Method A	+5	+5
11	Pour Point (Max)	°C	BS 2000 Part 15	-30	-45
12	Neutralization Value (Max)	mg KOH/gm	BS 2000 Part 1	0.03	0.03
13	Water Content	ppm	BS 6470		
	a) Bulk (Max)			30	30
	b) Drum (Max)			40	40

(Revision # 01 dated 19th June, 2018)

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