



PRODUCT - PANTRANSOL AS PER IS 335-1993

Specifications:

No	Characteristics	Units	Test Method	Typical Data
1	Appearance		ASTM D 1524	Clear And Bright. Free from sediments and suspended matters
2	Density at 29.6DegC	KG/L	ASTM D 1298	089 MAX
3	Kinematic Viscosity @ 27 °C	Cst	ASTM D 445	27 MAX
4	Interfacial Tension @ 27 °C	n/m	ASTM D 445	0.04
5	Flash Point COC	°C	ASTM D 93	140 MAX
6	Pour Point	°C	ASTM D 97	-6 MIN
7	Electrical Strength (BDV)	kV	ASTM D 1816	
I	New Unfiltered Oil			30 MIN
li	After Filtration			60 MIN
8	Tan Delta@90DegC		ASTM D 974	0.002 MAX
9	Oxidation Stability 164Hrs, @100DegC		IEC 1125/ ASTM D 2440	
i	Neutralization Value	mgKOH/g		0.40 MAX
ii	Sludge Content	MASS%	ASTM D 4951	0.1 MAX
10	Corrosive Suplhur	%		Non Corrosive
11	Water Content	ppm	ASTM D 1533	50 MAX
12	Total Acidity	KOH/gm		0.05
13	Specific Resistance			
i	@ 90 °C Min	Ohms-cms		35 x 10 ¹⁰
ii	@ 27 °C Min	Ohms-cms	ASTM D 4951	1500 x 10 ¹²

iii	@ 20 °C Min	Ohms- cms		2.0 x 10 ¹²
14	Presence of Oxidation Inhibitor			The oil shall not contain antioxidant additives
15	S.K.Value			Under consideration

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