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TRANSFORMER OIL

SPECIFICATION OF OIL

TEST	METHOD	SABS 565 LIMITS	RESULTS
Density @ 20°C kg/l	I.P. 160	0.895 MAX	0,875
Kinematic Viscosity	I.P. 71		
@40°C mm ² /s		16,5 MAX	12,4
@-15°C mm ² /s		800 MAX	328
Flash Point °C	I.P. 34	140 MIN	153
Pour Point °C	I.P.15	- 21 MAX	- 33
Neutralisation Value Mg KOH/g	I.P. 1(b)	0,03 MAX	0.01
Corrosive Sulphur	I.P. 315	Non Corrosive	Non Corrosive
Electric Strength kV	I.P. 295	30 MIN	72
Resistivity	ASTM D1169		
@ 20°C G m		-	15000
@ 90°C G m		-	450
Dielectric Dissipation @ 90°C	IEC 250	0.005 MAX	0.0018
Water Content mg/kg	ASTM 1633	35 MAX	3
Oxidation Test	I.P. 307		
Neutralisation Value Mg/KOH/g		0,4 max	,21
Sludge		0,1	0.035
Colour			Straw
Appearance			Clear
Particles		Nil	Nil
Fibres		Nil	Nil