

LUBTROIL™

Transformer Oil which complies fully with the following Specifications: IEC 60296

PROPERTIES	ASTM Method	Specifications	RESULTS
Flash Point, °C	ISO 2719	135 Minimum	140
Interfacial Tension	ISO 6295		50
Pour Point, °C	ISO3016	-40 Maximum	-54
Density @ 20°C, kg/m ³	ISO 3675	0.895 Maximum	.889
Viscosity, cSt mm ² /s:	ISO 3104		
@ 40 °C		12.0 Maximum	9.54
@ -30 °C		1800 Maximum	1625
Breakdown Voltage,	IEC 60156	30 Minimum	>70
Gassing Tendency, uL/min	IEC 60628 A		-8
Dielectric Dissipation Factor	IEC 60247	0.005 Maximum	0.001
Oxidation Stability @ 500 Hours	IEC 61125C		
% Sludge		0.80 Maximum	<0.03
Total Acid Number mg KOH/g		1.2 Maximum	<0.08
2-Furfural Content, mg/kg	IEC 61198	0.1	<0.01
Antioxidant additive, %	IEC 60666	0.08-0.04	0.25
Water, ppm	IEC 60814	30 Maximum	12
Acidity, mg KOH/g	IEC 62021-1	0.01 Maximum	<0.01
Corrosive Sulfur	D-1275B	Non-corrosive	Non-corrosive
Corrosive Sulfur	DIN 51353	Non-corrosive	Non-corrosive
PCA Content	BS 2000 Part 346	3.0% max.	<1.0
PCB Content, ppm	IEC 61619	None Detected	ND
Appearance	IEC 60296	Clear & Free Solids	Pass