PRODUCT SPECIFICATION DATA SHEET

Serving Canada

BOSS TRANSFORMER OIL

CUSTOMER BENEFITS:

BOSS Transformer oil is a highly reined mineral oil that is stable at high temperatures and has excellent electrical insulating properties. It is used in oil-filled transformers, some types of high voltage capacitators, fluorescent lamp ballasts, and some types of high voltage switches and circuit breakers. Its functions are to insulate, suppress corona and arcing, and to serve as a coolant.

PERFORMANCE SPECIFICATIONS:

PROPERTY	ASTM	SPEC	RESULTS
Aniline Point, ºC	D-611	63/84	72.2
Color	D-1500	0.5 Max	L0.5
Flash Point, º C	D-92	146 Min	151
Interfacial Tension			
@ 25 ºC, dynes/cm	D-971	40 Min	45
Pour Point, ºC	D-97	-40 max	-62
Spec Grav 15ºC/15º C	D-1298	0.9100 Max	0.8938
Viscosity, cSt (SUS)	D-455		
@ 100ºC		3.0 Max	2.46
@ 40ºC		11.0 Max	10.31
@ 0ºC		76.0 Max	75.20
Appearance	D-4176	Clear & Bright	C & B
Dielectric breakdown (kv)	D-877	30 Min	40
Gassing Tendency, uL/min	D-2300B	30 Max	+20
Power Factor @ 60 Hz, % max	D-924		
@25 ºC		0.05 Max	0.005
@ 100 º C		0.30 Max	0.114
Oxidation Stability @ 72 Hours	D-2440		
% Sludge, by Mass		0.1 Max	0.01
Total Acid # mg KOH/g		0.30 Max	0.01
Rotating Bomb, min	D-2112	220 min	439
Oxidation Inhibitor, % Mass	D-2668	030 Max	0.20
Water, ppm	D-1533	30 Max	10
Neutralization Number, mg KOH/g	D-974	0.015 Max	0.01
Corrosive Sulfer	D-1275	(B) Non-corrosive	Non-corrosive
PCB Content, ppm	D-4059	None detected	None detected

PROPERTIES:

Electrical Transformer Insulating Oil, Inhibited Type II. Oil meets the ANSI/ASTM D 3487, NEMA TR-P8-1975, & CAN/CSA-C50-97 Type II (Class B) Specs.

In order to continue to provide superior quality, BOSS LUBRICANTS reserves the right to change composition of its products without notice. For the location of the Distributor nearest you, please call 1-800-844-9457 or fax (403) 279-2272 #112, 6303 30th Street S.E. Calgary, AB T2C 1R4
Website: www.bosslubricants.com