



Product Specification

TS-3487

Electrical Transformer Insulation Oil Inhibited Type II

Property	ASTM	Spec.	Typical
Aniline Point, °C	D-611	63/84	72.2
Color	D-1500	0.5 Max	L0.5
Flash Point, °C	D-92	145 Min.	151
Interfacial Tension			
@ 25 °C, dynes/cm	D-971	40 Min.	45
Pour Point, °C	D-97	-40 Max.	-54
Spec. Grav. 15°C/15°C	D-1298	0.9100 Max.	0.8938
Viscosity, cSt (SUS)	D-445		
@ 100 °C		3.0 Max.	2.46
@ 40°C		12.0 Max.	9.60
@ 0 °C		76.0 Max.	75.2
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 @ 60Hz, % max.	D-924		
@ 25 °C		0.05 Max.	0.005
@ 100 °C		0.30 Max.	0.114
Oxidation Inhibitor Content	D-2668	0.30 Max	0.26
Oxidation Stability	D-2440		
% Sludge, by Mass		0.1 Max.	0.01
Rotary Bomb Oxidation, minutes	D-2112	195 Min.	252
Water, ppm	D-1533	35 Max.	10
Neutralization Number, mg KOH/g	D-974	0.03 Max.	0.01
Corrosive Sulfur	D-1275B	Pass	Pass
PCB Content, ppm	D-4059	None Detected	None Detected

TS-3487 Oil meets the ANSI/ASTM D3487, NEMA TR-P8-1975 & CAN/CSA-C50-97 Type II (Class B) Specs