

Technical Data Sheet

Product : STRATA X3
 Revised Date : 2018-08-16
 Product Code : 213215

Test	UOM Description	Method Description	Min	Max	Typical
API GRAVITY @ 60°F		D4052			30.1
COLOR, ASTM		D1500		0.5	L0.5
VISCOSITY @ 0°C	cSt	D445		76.00	56.74
VISCOSITY @ 40°C	cSt	D445		12.00	9.21
VISCOSITY @ 100°C	cSt	D445		3.00	2.35
VISCOSITY @ 100°F	SUS	D2161			58.5
FLASH POINT, COC	°C	D92	145		154
FLASH POINT, COC	°F	D92	293		309
POUR POINT	°F	D97		-40	-80
POUR POINT	°C	D97		-40	-62
ANILINE POINT	°F	D611	145.3		176.8
ANILINE POINT	°C	D611	63.0		80.6
DENSITY @ 15°C	kg/dm3	D4052		0.9100	0.8749
WATER CONTENT	ppm	D1533		35	12
VISUAL EXAMINATION		D1524	B/C		B/C
CORROSIVE SULFUR		D1275 (METHOD B)	NC		NONCORROSI
DIELECTRIC BREAKDOWN @ 60 HZ					
DISK ELECTRODES	kV	D877	30		40
1.02 MM GAP		D1816	20		30
2.03 MM GAP		D1816	35		60
DIELEC. BRKDOWN, IMPULSE CONDS		D3300			
GROUNDED, 25.4 MM GAP, KV	kV		145		300
25C, NEEDLE NEG. TO SPHERE					

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Test	UOM Description	Method Description	Min	Max	Typical
OXIDATION STABILITY		D2440			
72 HR SLUDGE	%(m)			0.10	0.01
72 HR ACID NO.				0.30	0.01
164 HR SLUDGE	%(m)			0.20	0.01
164 HR ACID NO.				0.40	0.01
OXIDATION INHIBITOR CONTENT	%(m)	D2668		0.30	0.28
OXIDATION STABILITY, RPVOT		D2112	195		265
GASSING TENDENCY	uL/min	D2300		30	18
NEUTRALIZATION NUMBER	mg KOH/g	D974		0.030	0.014
POWER FACTOR, 25°C	%	D924		0.050	0.006
POWER FACTOR, 100°C	%	D924		0.30	0.07
INTERFACIAL TENSION	Dynes/CM	D971	40.0		51.0
PCB CONTENT, ppm		D4059		1	<1

External Notes

This product meets ASTM D3487 Standards for Mineral Insulating Oil Used in Electrical Apparatus.