



2780 Waterfront Parkway E Dr, Indianapolis, IN 46214.
 Phone: 317-328-5660 Sales: 1-800-437-3188 www.calumetspecialty.com

Product Data Sheet

If you have questions regarding this product, please contact your Sales Representative.
 Customer Service and Technical Service can be reached at 1-800-437-3188

Product : CALTRAN 60-30 (TYPE II)
 Revised Date : 2020-09-25
 Product Code : 300113100000

Test	UOM Description	Method Description	Min	Max	Typical
API GRAVITY @ 60°F		D4052			29.8
COLOR, ASTM		D1500		0.5	L0.5
VISCOSITY @ 0°C	cSt	D445		76.00	54.95
VISCOSITY @ 40°C	cSt	D445		12.00	9.03
VISCOSITY @ 100°C	cSt	D445		3.00	2.35
VISCOSITY @ 100°F	SUS	D2161			57.8
FLASH POINT, COC	°C	D92	145		152
FLASH POINT, COC	°F	D92	293		306
POUR POINT	°F	D97		-40	-74
POUR POINT	°C	D97		-40	-59
ANILINE POINT	°F	D611	145.3		174.5
ANILINE POINT	°C	D611	63.0		79.2
DENSITY @ 15°C	kg/dm3	D4052		0.9100	0.8769
WATER CONTENT	ppm	D1533		35	11
VISUAL EXAMINATION		D1524	B/C		B/C
CORROSIVE SULFUR		D1275 (METHOD B)	NC		NONCORROSI
DIELECTRIC BREAKDOWN @ 60 HZ					
DISK ELECTRODES	kV	D877	30		37
1.02 MM GAP		D1816	20		31
2.03 MM GAP		D1816	35		55
DIELEC. BRKDOWN, IMPULSE CONDS		D3300			
GROUNDED, 25.4 MM GAP, KV	kV		145		292
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	0.00
72 HR ACID NO.				0.30	0.01
164 HR SLUDGE	%(m)			0.20	0.09
164 HR ACID NO.				0.40	0.02
OXIDATION INHIBITOR CONTENT	%(m)	D2668		0.30	0.27
OXIDATION STABILITY, RPVOT		D2112	195		265
GASSING TENDENCY	uL/min	D2300		30	14
NEUTRALIZATION NUMBER	mg KOH/g	D974		0.030	0.002
POWER FACTOR, 25°C	%	D924		0.050	0.002
POWER FACTOR, 100°C	%	D924		0.30	0.04
INTERFACIAL TENSION	Dynes/CM	D971	40.0		48.0
PCB CONTENT, ppm		D4059		1	<1

External Notes

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

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