

ASTM Spirit filled laboratory thermometers

The following thermometers have been developed as spirit filled alternatives to the standard mercury filled ASTM thermometers. All these thermometers can be supplied with UKAS calibration certificate or statement of conformity on request. Please ask our sales team for information.

ASTM	Name	Range	Division	Max Length (mm)	Immersion mm	Product No	Accuracy +/-
SIMILAR 1C	PARTIAL IMMERSION	-20 +150C	1.0C	327	76	55/001/2	0.5°C
SIMILAR 1F	PARTIAL IMMERSION	0 +302F	2.0F	327	76	55/001/1	1°F
*SIMILAR 2C	PARTIAL IMMERSION	-5 +300C	1C	395	76	55/002/2	1°C
*SIMILAR 2F	PARTIAL IMMERSION	+20 +580F	2F	395	76	55/002/1	2°F
*SIMILAR 3C	PARTIAL IMMERSION	-5 +400	1C	420	76	55/003/2	1°C to 301°C 1.5°C above 301°C
*SIMILAR 3F	PARTIAL IMMERSION	+20 +760	2F	420	76	55/003/1	2°F to 574°F 3°F above 574°F
S5C	CLOUD & POUR	-38 +50C	1.0C	235	108	55/005/2	0.5°C
S5F	CLOUD & POUR	-36 +120F	2.0F	235	108	55/005/1	1°F
^ASTM 6C	LOW CLOUD & POUR	--80 +20C	1.0C	235	76	58/002/2	1°C to -33°C 2°C below -33°C
^ASTM 6F	LOW CLOUD & POUR	-112 +70F	2.0F	235	76	59/006/1	2°F to -28°F 4°F below -28°F
*SIMILAR 7C	LOW DISTILLATION	-2 + 300C	1.0C	390	TOTAL	55/007/2	0.5°C to 150°C 1°C above 150°C
*SIMILAR 7F	LOW DISTILLATION	+30 +580F	2F	390	TOTAL	55/007/1	1°F to 300°F 2°F above 300°F
*SIMILAR 8C	HIGH DISTILLATION	-2 +400C	1C	390	TOTAL	55/008/2	1°C to 300°C 1.5°C above 300°C
*SIMILAR 8F	HIGH DISTILLATION	+30 +760F	2F	390	TOTAL	55/008/1	2°F to 570°F 3°F above 570°F
SIMILAR 9C	LOW PENSKY-MARTENS	-5 +110C	0.5C	295	57	55/009/2	0.5°C
SIMILAR 9F	LOW PENSKY-MARTENS	+20 +230F	1.0F	295	57	55/009/1	1°F
*SIMILAR 10C	HIGH PENSKY-MARTENS	+90 +370C	2C	295	57	55/010/2	1°C to 260°C 2°C above 260°C
*SIMILAR 10F	HIGH PENSKY-MARTENS	+200 +700F	5F	295	57	55/010/1	2.5°F to 500°F 3.5°F above 500°F
*SIMILAR 11C	CLEVELAND OPEN FLASH	-6 +400C	2C	315	25	55/011/2	2°C to 260°C
*SIMILAR 11F	CLEVELAND OPEN FLASH	+20 +760F	5F	315	25	55/011/1	4°F above 260°F
S12C	DENSITY WIDE RANGE	-20 +102C	0.2C	425	Total	55/012/2	0.15°C
S12F	DENSITY WIDE RANGE	-5 +215F	0.5F	425	Total	55/012/1	0.25°F
SIMILAR 13C	LOSS ON HEAT	+155 +170C	0.5C	160	Total	55/013/2	0.5°C
SIMILAR 14C	WAX MELTING POINT	+38 +82C	0.1C	380	79	55/014/2	0.1°C
SIMILAR 14F	WAX MELTING POINT	+100 +180F	0.2F	380	79	55/014/1	0.2°C
S15C	LOW SOFTENING POINT	-2 +80C	0.2C	400	Total	55/015/2	0.2°C
S15F	LOW SOFTENING POINT	+30 +180F	0.5F	400	Total	55/015/1	0.4°F
SIMILAR 16C	HIGH SOFTENING POINT	+30 +200C	0.5C	400	Total	55/016/2	0.3°C
SIMILAR 16F	HIGH SOFTENING POINT	+85 +392F	1.0F	400	Total	55/016/1	0.5°F
SIMILAR 17C	SAYBOLT VISCOSITY	+19 +27C	0.1C	280	TOTAL	55/017/2	0.1°C
SIMILAR 17F	SAYBOLT VISCOSITY	+66 +80F	0.2F	280	TOTAL	55/017/1	0.2°F
S18C	REID VAPOUR PRESSURE	+34 +42C	0.1C	280	TOTAL	55/018/2	0.1°C
S18F	REID VAPOUR PRESSURE	+94 +108F	0.2F	280	TOTAL	55/018/1	0.2°F
SIMILAR 19C	SAYBOLT VISCOSITY	+49 +57C	0.1C	280	TOTAL	55/019/2	0.1°C

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SIMILAR 19F	SAYBOLT VISCOSITY	+120 +134F	0.2F	280	TOTAL	55/019/1	0.2°F
SIMILAR 20C	SAYBOLT VISCOSITY	+57 +65C	0.1C	280	TOTAL	55/020/2	0.1°C
SIMILAR 20F	SAYBOLT VISCOSITY	+134 +148F	0.2F	280	TOTAL	55/020/1	0.2°F
SIMILAR 21C	SAYBOLT VISCOSITY	+79 +87C	0.1C	280	TOTAL	55/021/2	0.1°C
SIMILAR 21F	SAYBOLT VISCOSITY	+174 +188F	0.2F	280	TOTAL	55/021/1	0.2°F
S22C	OXIDATION STABILITY	+95 +103C	0.1C	280	TOTAL	55/022/2	0.1°C
S22F	OXIDATION STABILITY	+204 +218F	0.2F	280	TOTAL	55/022/1	0.2°F
SIMILAR 23C	ENGLER VISCOSITY	+18 +28C	0.2C	217	90	55/023/2	0.1°C @ 25°C
SIMILAR 24C	ENGLER VISCOSITY	+39 +54C	0.2C	242	90	55/024/2	0.1°C @ 40°C & 50°C
SIMILAR 25C	ENGLER VISCOSITY	+95 +105C	0.2C	217	90	55/025/2	0.1°C @ 100°C
SIMILAR 26C	NITROCELLULOSE STABILITY	+130 +140C	0.1C	468	TOTAL	55/026/2	0.2°C
*SIMILAR 27C	TURPENTINE DISTILLATION	+147 +182C	0.5C	306	76	55/027/2	0.5°C
SIMILAR 28C	KINEMATIC VISCOSITY	+36,6 +39,4C	0.05C	310	TOTAL	55/028/2	0.1°C
SIMILAR 28F	KINEMATIC VISCOSITY	+97,5 +102,5F	0.1F	310	TOTAL	55/028/1	0.2°F
SIMILAR 29C	KINEMATIC VISCOSITY	+52,6 +55,4C	0.05C	310	TOTAL	55/029/2	0.1°C
SIMILAR 29F	KINEMATIC VISCOSITY	+127,5 +132,5F	0.1F	310	TOTAL	55/029/1	0.2°F
SIMILAR 30F	KINEMATIC VISCOSITY	+207,5 +212,5F	0.1F	310	TOTAL	55/030/1	0.2°F
SIMILAR 33C	LOW ANILINE POINT	-38 +42C	0.2C	425	50	55/033/2	0.2°C
SIMILAR 33F	LOW ANILINE POINT	-36,5 +107,5F	0.5F	425	50	55/033/1	0.5°F
SIMILAR 34C	MEDIUM ANILINE POINT	+25 +105C	0.2C	425	50	55/034/2	0.2°C
SIMILAR 34F	MEDIUM ANILINE POINT	+77 +221F	0.5F	425	50	55/034/1	0.5°F
SIMILAR 35C	HIGH ANILINE POINT	+90 +170C	0.2C	425	50	55/035/2	0.4°C
SIMILAR 35F	HIGH ANILINE POINT	+194 +338F	0.5F	425	50	55/035/1	1°F
SIMILAR 36C	TITER TEST	-2 +68C	0.2C	410	45	55/036/2	0.2°C
SIMILAR 37C	SOLVENTS DISTILLATION	-2 +52C	0.2C	400	100	55/037/2	0.2°C
SIMILAR 38C	SOLVENTS DISTILLATION	+24 +78C	0.2C	400	100	55/038/2	0.2°C
SIMILAR 39C	SOLVENTS DISTILLATION	+48 +102C	0.2C	400	100	55/039/2	0.2°C
SIMILAR 40C	SOLVENTS DISTILLATION	+72 +126C	0.2C	400	100	55/040/2	0.2°C
SIMILAR 41C	SOLVENTS DISTILLATION	+98 +152C	0.2C	400	100	55/041/2	0.3°C
*SIMILAR 42C	SOLVENTS DISTILLATION	+95 +255C	0.5C	400	100	55/042/2	1C
^SIMILAR 43C	KINEMATIC VISCOSITY	-51.6 -34C	0.1C	425	TOTAL	55/043/2	0.1°C
^SIMILAR 43F	KINEMATIC VISCOSITY	-61 -29F	0.2F	425	TOTAL	55/043/1	0.2°F
SIMILAR 44C	KINEMATIC VISCOSITY	+18,6 +21,4C	0.05C	310	TOTAL	55/044/2	0.1°C
SIMILAR 44F	KINEMATIC VISCOSITY	+66,5 +71,5F	0.1F	310	TOTAL	55/044/1	0.2°C
SIMILAR 45C	KINEMATIC VISCOSITY	+23,6 +26,4C	0.05C	310	TOTAL	55/045/2	0.1°C
SIMILAR 45F	KINEMATIC VISCOSITY	+74,5 +79,5F	0.1F	310	TOTAL	55/045/1	0.2°F
SIMILAR 46C	KINEMATIC VISCOSITY	+48,6 +51,4C	0.05C	310	TOTAL	55/046/2	0.1°C
SIMILAR 46F	KINEMATIC VISCOSITY	+119,5 +124,5F	0.1F	310	TOTAL	55/046/1	0.2°F
SIMILAR 47C	KINEMATIC VISCOSITY	+58,6 +61,4C	0.05C	310	TOTAL	55/047/2	0.1°C
SIMILAR 47F	KINEMATIC VISCOSITY	+137,5 +142,5F	0.1F	310	TOTAL	55/047/1	0.2°F
SIMILAR 48C	KINEMATIC VISCOSITY	+80,6 +83,4C	0.05C	310	TOTAL	55/048/2	0.1°C
SIMILAR 48F	KINEMATIC VISCOSITY	+177,5 +182,5F	0.1F	310	TOTAL	55/048/1	0.2°F
SIMILAR 49C	STORMER VISCOSITY	+20 +70C	0.2C	310	65	55/049/2	0.2°C
SIMILAR 50F	GAS COLORIMETER INLET	+54 +101F	0.1F	473	TOTAL	55/050/1	0.2°F
SIMILAR 51F	GAS COLORIMETER OUTLET	+69 +116F	0.1F	473	TOTAL	55/051/1	0.2°F
SIMILAR 52C	BUTADIENE BOILINGPOINT RANGE	-10 +5C	0.1C	167	TOTAL	55/052/2	0.1°C
SIMILAR 54C	CONGEALING POINT	+20 +100,6C	0.2C	315	TOTAL	55/054/2	0.2°C
SIMILAR 54F	CONGEALING POINT	+68 +213F	0.5F	315	TOTAL	55/054/1	0.5°F
S56C	BOMB CALORIMETER	+19 +35C	0.02C	600	TOTAL	55/056/2	0.1°C
S56F	BOMB CALORIMETER	+66 +95F	0.05F	600	TOTAL	55/056/1	0.2°F
SIMILAR 57C	TAG CLOSED TESTERLOW RANGE	-20 +50C	0.5C	292	57	55/057/2	0.5°C
SIMILAR 57F	TAG CLOSED TESTERLOW RANGE	-4 +122F	1.0F	292	57	55/057/1	1°F

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S58C	TANK	-34 +49C	0.5C	305	TOTAL	55/058/2	0.3°C
S58F	TANK	-30 +120F	1.0F	305	TOTAL	55/058/1	0.5°F
S59C	TANK	-18 +82C	0.5C	305	TOTAL	55/059/2	0.3°C
S59F	TANK	0 +180F	1.0F	305	TOTAL	55/059/1	0.5°F
*SIMILAR 60C	TANK	+77 +260	1.0C	305	TOTAL	55/060/2	0.5°C
*SIMILAR 60F	TANK	+170 +500	2.0F	305	TOTAL	55.060/1	1°F
SIMILAR 61C	PETROLATUM MELTING POINT	+32 +127C	0.2C	385	79	55/061/2	0.2°C
SIMILAR 61F	PETROLATUM MELTING POINT	+90 +260F	0.5F	385	79	55/061/1	0.5°C
S62C	PRECISION	-38 +2C	0.1C	384	TOTAL	55/062/2	0.1°C
S62F	PRECISION	-36 +35F	0.2F	384	TOTAL	55/062/1	0.2°F
S63C	PRECISION	-8 +32C	0.1C	384	TOTAL	55/063/2	0.1°C
S63F	PRECISION	+18 +89F	0.2F	384	TOTAL	55/063/1	0.2°F
S64C	PRECISION	+25 +55C	0.1C	384	TOTAL	55/064/2	0.1°C
S64F	PRECISION	+77 +131F	0.2F	384	TOTAL	55/064/1	0.2°F
S65C	PRECISION	+50 +80C	0.1C	384	TOTAL	55/065/2	0.1°C
S65F	PRECISION	+122 +176F	0.2F	384	TOTAL	55/065/1	0.2°F
S66C	PRECISION	+75 +105C	0.1C	384	TOTAL	55/066/2	0.1°C
S66F	PRECISION	+167 +221F	0.2F	384	TOTAL	55/066/1	0.2°F
S67C	PRECISION	+95 +155C	0.2C	384	TOTAL	55/067/2	0.2°C
S67F	PRECISION	+203 +311F	0.5F	384	TOTAL	55/067/1	0.5°F
*SIMILAR 68C	PRECISION	+145 +205C	0.2C	384	TOTAL	55/068/2	0.2°C
*SIMILAR 68F	PRECISION	+293 +401F	0.5F	384	TOTAL	55/068/1	0.5°C
*SIMILAR 69C	PRECISION	+195 +305C	0.5C	384	TOTAL	55/069/2	0.5°C
*SIMILAR 69F	PRECISION	+383 +581F	1.0F	384	TOTAL	55/069/1	1°F
*SIMILAR 70C	PRECISION	+295 +405C	0.5C	384	TOTAL	55/070/2	0.5°C
*SIMILAR 70F	PRECISION	+563 +761F	1.0F	384	TOTAL	55/070/1	1°F
SIMILAR 71C	OIL IN WAX	-37 +21C	0.5C	360	76	55/072/2	0.2°C
SIMILAR 71F	OIL IN WAX	-35 +70F	1.0F	360	76	55/071/1	0.5°F
SIMILAR 72C	KINEMATIC VISCOSITY	-19,4 -16,6C	0.05C	310	TOTAL	55/071/2	0.1°C
SIMILAR 72F	KINEMATIC VISCOSITY	-2,5 +2,5F	0.1F	310	TOTAL	55/072/1	0.2°F
SIMILAR 73C	KINEMATIC VISCOSITY	-41,4 -38,6C	0.05C	310	TOTAL	55/073/2	0.1°C
SIMILAR 73F	KINEMATIC VISCOSITY	-42,5 -37,5F	0.1F	310	TOTAL	55/073/1	0.2°F
^SIMILAR 74C	KINEMATIC VISCOSITY	-55,4 -52,6C	0.05C	310	TOTAL	55/074/2	0.1°C
^SIMILAR 74F	KINEMATIC VISCOSITY	-67,5 -62,5F	0.1F	310	TOTAL	55/074/1	0.2°F
SIMILAR 75F	COOLANT (ANTI-FREEZE) FREEZING POINT	-35 +35F	0.5F	413	100	55/075/1	0.5°F
^SIMILAR 76F	COOLANT (ANTI-FREEZE) FREEZING POINT	-65 +5F	0.5F	413	100	55/076/1	1°F
SIMILAR 77F	SAYBOLT VISCOSITY	+245 +265F	0.5F	280	TOTAL	55/077/1	0.5°F
SIMILAR 78F	SAYBOLT VISCOSITY	+295 +315F	0.5F	280	TOTAL	55/078/1	0.5°F
*SIMILAR 79F	SAYBOLT VISCOSITY	+345 +365F	0.5F	280	TOTAL	55/079/1	0.5°F
*SIMILAR 80F	SAYBOLT VISCOSITY	+395 +415F	0.5F	280	TOTAL	55/080/1	0.5°F
*SIMILAR 81F	SAYBOLT VISCOSITY	+445 +465F	0.5F	280	TOTAL	55/081/1	0.5°F
SIMILAR 82C	FUEL RATING, ENGINE	-15 +105C	1.0C	165	30	55/082/2	1°C
SIMILAR 82F	FUEL RATING, ENGINE	0 +220F	2.0F	165	30	55/082/1	2°F
SIMILAR 83C	FUEL RATING, AIR	+15 +70C	1.0C	174	40	55/083/2	1°C
SIMILAR 83F	FUEL RATING, AIR	+60 +160F	1.0F	174	40	55/083/1	2°F
SIMILAR 84C	FUEL RATING, ORIFICE TANK	+25 +80C	1.0C	387	249	55/084/2	1°C
SIMILAR 84F	FUEL RATING, ORIFICE TANK	+75 +175F	1.0F	387	249	55/084/1	2°F
SIMILAR 85C	FUEL RATING, SURGE	+40 +150C	1.0C	314	181	55/085/2	1°C
SIMILAR 85F	FUEL RATING, SURGE	+100 +300F	2.0F	314	181	55/085/1	2°F
SIMILAR 86C	FUEL RATING, MIX	+95 +175C	1.0C	170	35	55/086/2	1°C
SIMILAR 86F	FUEL RATING, MIX	+200 +350F	2.0F	170	35	55/086/1	2°F
*SIMILAR 87C	FUEL RATING, COOLANT	+150 +205C	1.0C	175	40	55/087/2	1°C

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*SIMILAR 87F	FUEL RATING, COOLANT	+300 +400F	1.0F	175	40	55/087/1	2°F
SIMILAR 88C	VEGETABLE OIL FLASH	+10 +200C	1.0C	292	57	55/088/2	1°C
SIMILAR 88F	VEGETABLE OIL FLASH	+50 +392F	2.0F	292	57	55/088/1	2°F
SIMILAR 89C	SOLIDIFICATION POINT	-20 +10C	0.1C	375	76	55/089/2	0.1°C
SIMILAR 90C	SOLIDIFICATION POINT	0 +30C	0.1C	375	76	55/090/2	0.1°C
S91C	SOLIDIFICATION POINT	+20 +50C	0.1C	375	76	55/091/2	0.1°C
SIMILAR 92C	SOLIDIFICATION POINT	+40 +70C	0.1C	375	76	55/092/2	0.1°C
SIMILAR 93C	SOLIDIFICATION POINT	+60 +90C	0.1C	375	76	55/093/2	0.1°C
SIMILAR 94C	SOLIDIFICATION POINT	+80 +110C	0.1C	375	76	55/094/2	0.1°C
SIMILAR 95C	SOLIDIFICATION POINT	+100 +130C	0.1C	375	76	55/095/2	0.2°C
SIMILAR 96C	SOLIDIFICATION POINT	+120 +150C	0.1C	375	76	55/096/2	0.2°C
SIMILAR 97C	TANK	-18 +49C	0.5C	305	TOTAL	55/097/2	0.3°C
SIMILAR 97F	TANK	0 +120F	1.0F	305	TOTAL	55/097/1	0.5°F
SIMILAR 98C	TANK	+16 +82C	0.5C	305	TOTAL	55/098/2	0.3°C
SIMILAR 98F	TANK	+60 +180F	1.0F	305	TOTAL	55/098/1	0.5°F
SIMILAR 99C	WEATHERING TEST	-50 +5C	0.2C	305	35	55/099/2	0.2°C
SIMILAR 99F	WEATHERING TEST	-58 +41F	0.5F	305	35	55/099/1	0.4°F
*SIMILAR 100C	SOLIDIFICATION POINT	+145 +205C	0.2C	375	76	55/100/2	0.4°C
*SIMILAR 101C	SOLIDIFICATION POINT	+195 +305C	0.5C	375	76	55/101/2	1°C
SIMILAR 102C	SOLVENTS DISTILLATION	+123 +177C	0.2C	400	100	55/102/2	0.3°C
*SIMILAR 103C	SOLVENTS DISTILLATION	+148 +202C	0.2C	400	100	55/103/2	0.4°C
*SIMILAR 104C	SOLVENTS DISTILLATION	+173 +227C	0.2C	400	100	55/104/2	0.4°C
*SIMILAR 105C	SOLVENTS DISTILLATION	+198 +252C	0.2C	400	100	55/105/2	0.6°C
*SIMILAR 106C	SOLVENTS DISTILLATION	+223 +277C	0.2C	400	100	55/106/2	0.8°C
*SIMILAR 107C	SOLVENTS DISTILLATION	+248 +302	0.2C	400	100	55/107/2	1.0°C
SIMILAR 108F	SAYBOLT VISCOSITY	+270 +290F	0.5F	280	TOTAL	55/108/1	0.5°F
SIMILAR 109F	SAYBOLT VISCOSITY	+320 +340F	0.5F	280	TOTAL	55/109/1	0.5°F
SIMILAR 110C	KINEMATIC VISCOSITY	+133.6 +136.4C	0.05C	310	TOTAL	55/110/2	0.15°C
SIMILAR 110F	KINEMATIC VISCOSITY	+272.5 +277.5F	0.1F	310	TOTAL	55/110/1	0.3°F
*SIMILAR 111C	TAR ACIDS DISTILLATION	+170 +250	0.2C	400	100	55/111/2	0.4C to 225°C 0.6C above 225°C
SIMILAR 112C	SOLIDIFICATION POINT OF BENZENE	+4 +6C	0.02C	220	TOTAL	55/112/2	0.04°C
SIMILAR 113C	BITUMEN SOFTENING POINT WIDE RANGE	-1 +175C	0.5C	410	TOTAL	55/113/0	0.5°C
SIMILAR 113F	BITUMEN SOFTENING POINT WIDE RANGE	+30 +350F	1.0F	410	TOTAL	55/113/1	1°F
^SIMILAR 114C	AVIATION FUEL FREEZING POINT	-80 +20C	0.5C	305	TOTAL	58/014/2	1°C
S116C	BOMB CALORIMETER	+18,9 +25,1C	0.01C	614	TOTAL	55/116/2	0.1°C
S117C	BOMB CALORIMETER	+23,9 +30,1C	0.01C	614	TOTAL	55/117/2	0.1°C
SIMILAR 118C	KINEMATIC VISCOSITY	+28,6 +31,4C	0.05C	310	TOTAL	55/118/2	0.1°C
SIMILAR 118F	KINEMATIC VISCOSITY	+83,5 +88,5F	0.1F	310	TOTAL	55/118/1	0.2°C
SIMILAR 119C	COOLANT (ANTI-FREEZE) FREEZING POINT	-38.3 -30C	0.1C	425	100	55/119/2	0.2°C
SIMILAR 119F	COOLANT (ANTI-FREEZE) FREEZING POINT	-37 -22F	0.2F	425	100	55/119/1	0.4°F
S120C	KINEMATIC VISCOSITY	38,6 +41,4C	0.05C	310	TOTAL	55/120/2	0.1°C
SIMILAR 121C	KINEMATIC VISCOSITY	+98,6 +101,4C	0.05C	310	TOTAL	55/121/2	0.1°C
SIMILAR 122C	BROOKFIELD VISCOSITY	-45 -35C	0.1C	305	TOTAL	55/122/2	0.4°C
SIMILAR 123C	BROOKFIELD VISCOSITY	-35 -25C	0.1C	305	TOTAL	55/123/2	0.4°C
SIMILAR 124C	BROOKFIELD VISCOSITY	-25 -15C	0.1C	305	TOTAL	55/124/2	0.2°C
SIMILAR 125C	BROOKFIELD VISCOSITY	-15 -5C	0.1C	305	TOTAL	55/125/2	0.2°C
SIMILAR 126C	KINEMATIC VISCOSITY	-27,4 -24,6C	0.05C	310	TOTAL	55/126/2	0.1°C
SIMILAR 126F	KINEMATIC VISCOSITY	-17,5 -12,5F	0.1F	310	TOTAL	55/126/1	0.2°F
SIMILAR 127C	KINEMATIC VISCOSITY	-21,4 -18,6C	0.05C	310	TOTAL	55/127/2	0.1°C
SIMILAR 128C	KINEMATIC VISCOSITY	-1,4 +1,4C	0.05C	310	TOTAL	55/128/2	0.1°C
SIMILAR 128F	KINEMATIC VISCOSITY	+29,5 +34,5F	0.1F	310	TOTAL	55/128/1	0.2°F

ASTM Spirit filled laboratory thermometers

SIMILAR 129C	KINEMATIC VISCOSITY	+91,6 +94,4C	0,05C	310	TOTAL	55/129/2	0.1°C
SIMILAR 129F	KINEMATIC VISCOSITY	+197,5 +202,5F	0.1F	310	TOTAL	55/129/1	0.2°F
S130C	TANK	-7 +105C	0.5C	305	TOTAL	55/130/2	0.5°C
S130F	TANK	+20 +220F	1.0F	305	TOTAL	55/130/1	1°F
*SIMILAR 132C	KINEMATIC VISCOSITY	+148.6 +151.4C	0.05C	310	TOTAL	55/132/2	0.20°C
SIMILAR 133C	PRECISION	-38 +2C	0.1C	384	76	55/133/2	0.1°C
*SIMILAR 134C	SLUDGE	+144 +156	0.2C	280	100	55/134/2	0.2°C
SIMILAR 135C	FUEL RAING AIR - HIGH	+38 +93C	0.1C	171	40	55/135/2	1°C
SIMILAR 135F	FUEL RAING AIR - HIGH	+100 +200F	0.1F	171	40	55/135/1	2°F
SIMILAR 136C	AVIATION FUEL DENSITY	-20 +60C	0.2C	290	TOTAL	55/136/2	0.15°C
SIMILAR 136F	AVIATION FUEL DENSITY	-5 +140F	0.5F	290	TOTAL	55/136/1	0.25°F
SIMILAR 137C	OXIDATION CELL TEST	+80 +100C	1.0C	255	76	55/137/2	0.1°C

*GALLIUM FILLED

^TOLUENE FILLED

Colour Key

ASTM S	Manufactured to “ASTM E2251-14: Liquid-in-Glass ASTM Thermometer with Low-Hazard Precision Liquids”
SIMILAR ASTM	Manufactured to be similar to “ASTM E1-14: ASTM Liquid-in-Glass Thermometers”
ASTM	Manufactured to the original “ASTM E1-14: ASTM Liquid-in-Glass Thermometers”

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