Termometri ASTM

ASTM	IP	Definizione	Range di temperature	Divisioni mm	Immersione mm	Lunghezza mm
1C	-	Immersione parziale	-20 +150°C	1	76	322
1F	-	Immersione parziale	0 +302°F	2	76	322
2C	62C	Immersione parziale	-5 +300°C	1	76	390
2F	62F	Immersione parziale	20 +580°F	2	76	390
3C	73C	Immersione parziale	-5 +400°C	1	76	415
3F	73F	Immersione parziale	20 +760°F	2	76	415
5C	1C	Cloud and Pour	-38 +50°C	1	108	230
5F	1F	Cloud and Pour	-36 +120°F	2	108	230
6C	2C	Low Cloud and Pour	-80 +20°C	1	76	230
6F	2F	Low Cloud and Pour	-112 +70°F	2	76	230
7C	5C	Low Distillation	-2 +300°C	1	Total	385
7F	-	Low Distillation	30 +580°F	2	Total	385
8C	6C	High Distillation	-2 +400°C	1	Total	385
8F	-	High Distillation	30 +760°F	2	Total	385
9C	15C	Low Pensky Martens	-5 +110°C	0.5	57	290
9F	15F	Low Pensky Martens	20 +230°F	1	57	290
10C	16C	High Pensky Martens	90 +370°C	2	57	290
10F	16F	High Pensky Martens	200 +700°F	5	57	290
11C	28C	Cleveland Open Flash	-6 +400°C	2	25	310
11F	28F	Cleveland Open Flash	20 +760°F	5	25	310
12C	64C	Density-Wide Range	-20 +102°C	0.2	Total	420
12F	64F	Density-Wide Range	-5 +215°F	0.5	Total	420
13C	47C	Loss on Heat	115 +170°C	0.5	Total	155
14C	17C	Wax Melting Point	38 +82°C	0.1	79	375
14F	17F	Wax Melting Point	100 +180°F	0.2	79	375
15C	60C	Low Softening Point	-2 +80°C	0.2	Total	395
15F	-	Low Softening Point	30 +180°F	0.5	Total	395
16C	61C	High Softening Point	30 +200°C	0.5	Total	395
16F	-	High Softening Point	85 +392°F	1	Total	395
17C	-	Saybolt Viscosity	19 +27°C	0.1	Total	275
17F	-	Saybolt Viscosity	66 +80°F	0.2	Total	275
18C	23C	Reid Vapour Pressure	34 +42°C	0.1	Total	275
18F	23F	Reid Vapour Pressure	94 +108°F	0.2	Total	275
19C	-	Saybolt Viscosity	49 +57°C	0.1	Total	275
19F	-	Saybolt Viscosity	120 +134°F	0.2	Total	275
20C	-	Saybolt Viscosity	57 +65°C	0.1	Total	275
20F	-	Saybolt Viscosity	134 +148°F	0.2	Total	275
21C	-	Saybolt Viscosity	79 +87°C	0.1	Total	275
21F	-	Saybolt Viscosity	174 +188°F	0.2	Total	275
22C	24C	Oxidation Stability	95 +103°C	0.1	Total	275
22F	24F	Oxidation Stability	204 +218°F	0.2	Total	275
23C	-	Engler Viscosity	18 +28°C	0.2	90	212
24C	-	Engler Viscosity	39 +54°C	0.2	90	237
25C	-	Engler Viscosity	95 +105°C	0.2	90	212
26C	-	Stability Test	130 +140°C	0.1	Total	463
27C	-	Turpentine Distillation	147 +182°C	0.5	76	301
28C	31C	Kinematic Viscosity	36.6 +39.4°C	0.05	Total	305
28F	31F	Kinematic Viscosity	97.5 +102.5°F	0.1	Total	305
29C	34C	Kinematic Viscosity	52.6 +55.4°C	0.05	Total	305
29F	34F	Kinematic Viscosity	127.5 +132.5°F	0.1	Total	305
30F	32F	Kinematic Viscosity	207.5 +212.5°F	0.1	Total	305
33C	20C	Low Aniline Point	-38 +42°C	0.2	50	420
33F	-	Low Aniline Point	36.5 +107.5°	0.5	50	420
34C	21C	Medium Aniline Point	25 +105°C	0.2	50	420
34F	-	Medium Aniline Point	77 +221°F	0.5	50	420
35C	59C	High Aniline Point	90 +170°C	0.2	50	420
35F	-	High Aniline Point	194 +338°F	0.5	50	420
36C	-	Titer Test	-2 +68°C	0.2	45	405
37C	77C	Solvents Distillation	-2 +52°C	0.2	100	395
38C	78C	Solvents Distillation	24 +78°C	0.2	100	395
39C	79C	Solvents Distillation	48 +102°C	0.2	100	395
40C	80C	Solvents Distillation	72 +126°C	0.2	100	395
41C	81C	Solvents Distillation	98 +152°C	0.2	100	395
42C	82C	Solvents Distillation	95 +255°C	0.5	100	395

ASTM	IP	Definizione	Range di temperature	Divisioni mm	Immersione mm	Lunghezza mm
43C	65C	Kinematic Viscosity	51.6 -34°C	0.1	Total	420
43F	65F	Kinematic Viscosity	-61 -29°F	0.2	Total	420
44C	29C	Kinematic Viscosity	18.6 +21.4°C	0.05	Total	305
44F	29F	Kinematic Viscosity	66.5 +71.5°F	0.1	Total	305
45C	30C	Kinematic Viscosity	23.6 +26.4°C	0.05	Total	305
45F	30F	Kinematic Viscosity	74.5 +79.5°F	0.1	Total	305
46C	66C	Kinematic Viscosity	48.6 +51.4°C	0.05	Total	305
46F	66F	Kinematic Viscosity	119.5 +124.5°	0.1	Total	305
47C	35C	Kinematic Viscosity	58.6 +61.4°C	0.05	Total	305
47F	35F	Kinematic Viscosity	137.5 +142.5°	0.1	Total	305
48C	90C	Kinematic Viscosity	80.6 +83.4°C	0.05	Total	305
48F	90F	Kinematic Viscosity	177.5 +182.5°	0.1	Total	305
49C	-	Stormer Viscosity	20 +70°C	0.2	65	305
50F	-	Gas Calorimeter Inlet	54 +101°F	0.1	Total	468
51F	-	Gas Calorimeter Inlet	69 +116°F	0.1	Total	468
52C	-	Butadiene Boiling Point	-10 +5°C	0.1	Total	162
54C	18C	Congealing Point	20 +100.6°	0.2	Total	310
54F	18F	Congealing Point	68 +213°F	0.5	Total	310
56C	-	Bomb Calorimeter	19 +35°C	0.02	Total	600
56F	-	Bomb Calorimeter	66 +95°F	0.05	Total	600
57C	-	Tag Closed	-20 +50°C	0.5	57	287
57F	-	Tag Closed	-4 +122°F	1	57	287
58C	-	Tank	-34 +49°C	0.5	Total	305
58F	-	Tank	-30 +120°F	1	Total	305
59C	-	Tank	-18 +82°C	0.5	Total	305
59F	-	Tank	0 +180°F	1	Total	305
60C	-	Tank	77 +260°C	1	Total	305
60F	-	Tank	170 +500°F	2	Total	305
61C	63C	Petrolatum Melting Point	32 +127°C	0.2	79	380
61F	-	Petrolatum Melting Point	90 +260°F	0.5	79	380
62C	-	Precision	-38 +2°C	0.1	Total	379
62F	-	Precision	-36 +35°F	0.2	Total	379
63C	-	Precision	-8 +32°C	0.1	Total	379
63F	-	Precision	18 +89°F	0.2	Total	379
64C	-	Precision	25 +55°C	0.1	Total	379
64F	-	Precision	77 +131°F	0.2	Total	379
65C	-	Precision	50 +80°C	0.1	Total	379
65F	-	Precision	122 +176°F	0.2	Total	379
66C	-	Precision	75 +105°C	0.1	Total	379
66F	-	Precision	167 +221°F	0.2	Total	379
67C	-	Precision	95 +155°C	0.2	Total	379
67F	-	Precision	203 +311°F	0.5	Total	379
68C	-	Precision	145 +205°C	0.2	Total	379
68F	-	Precision	293 +401°F	0.5	Total	379
69C	-	Precision	195 +305°C	0.5	Total	379
69F	-	Precision	383 +581°F	1	Total	379
70C	-	Precision	295 +405°C	0.5	Total	379
70F	-	Precision	563 +761°F	1	Total	379
71C	72C	Oil in Wax	-37 +21°C	0.5	76	355
71F	72F	Oil in Wax	-35 +70°F	1	76	355
72C	67C	Kinematic Viscosity	19.4 -16.6°C	0.05	Total	305
72F	67F	Kinematic Viscosity	-2.5 +2.5°F	0.1	Total	305
73C	68C	Kinematic Viscosity	41.4 -38.6°C	0.05	Total	305
73F	68F	Kinematic Viscosity	42.5 -37.5°F	0.1	Total	305
74C	69C	Kinematic Viscosity	55.4 -52.6°C	0.05	Total	305
74F	69F	Kinematic Viscosity	67.5 -62.5°F	0.1	Total	305
75F	-	Anti-freeze Freezing Point	-35 +35°F	0.5	100	408
76F	-	Anti-freeze Freezing Point	-65 +5°F	0.5	100	408
77F	-	Saybolt Viscosity	245 +265°F	0.5	Total	275
78F	-	Saybolt Viscosity	295 +315°F	0.5	Total	275
79F	-	Saybolt Viscosity	345 +365°F	0.5	Total	275
80F	-	Saybolt Viscosity	395 +415°F	0.5	Total	275
81F	-	Saybolt Viscosity	445 +465°F	0.5	Total	275
82C	-	Fuel Rating. Engine	-15 +105°C	1	30	162

LINETRONIC TECHNOLOGIES

ASTM	IP	Definizione	Range di temperature	Divisione mm	Immersione mm	L unghezza mm
82F	-	Fuel Rating. Engine	0 +220°F	2	30	162
83C	-	Fuel Rating. Air	15 +70°C	1	40	171
83F	-	Fuel Rating. Air	60 +160°F	1	40	171
84C	-	Fuel Rating. Orifice Tank	25 +80°C	1	249	383
84F	-	Fuel Rating. Orifice Tank	75 +175°F	1	249	383
85C	-	Fuel Rating. Surge	40 +150°C	1	181	310
85F	-	Fuel Rating. Surge	100 +300°F	2	181	310
86C	-	Fuel Rating. Mix	95 +175°C	1	35	167
86F	-	Fuel Rating. Mix	200 +350°F	2	35	167
87C	-	Fuel Rating. Coolant	150 +205°C	1	40	172
87F	-	Fuel Rating. Coolant	300 +400°F	1	40	172
88C	-	Vegetable Oil Flash	10 +200°C	1	57	287
88F	-	Vegetable Oil Flash	50 +392°F	2	57	287
89C	-	Solidification Point	-20 +10°C	0.1	76	370
90C	-	Solidification Point	0 +30°C	0.1	76	370
91C	-	Solidification Point	20 +50°C	0.1	76	370
92C	-	Solidification Point	40 +70°C	0.1	76	370
93C	-	Solidification Point	60 +90°C	0.1	76	370
94C	-	Solidification Point	80 +110°C	0.1	76	370
95C	-	Solidification Point	100 +130°C	0.1	76	370
96C	-	Solidification Point	120 +150°C	0.1	76	370
97C	-	Tank	-18 +49°C	0.5	Total	305
97F	-	Tank	0 +120°F	1	Total	305
98C	-	Tank	16 +82°C	0.5	Total	305
98F	-	Tank	60 +180°F	1	Total	305
99C	-	Weathering Test	-50 +5°C	0.2	35	302
99F	-	Weathering Test	-55 +40°F	0.5	35	302
100C	-	Solidification Point	145 +205°C	0.2	76	370
101C	-	Solidification Point	195 +305°C	0.5	76	370
102C	83C	Solvents Distillation	123 +177°C	0.2	100	395
103C	84C	Solvents Distillation	148 +202°C	0.2	100	395
104C	85C	Solvents Distillation	173 +227°C	0.2	100	395
105C	86C	Solvents Distillation	198 +252°C	0.2	100	395
106C	87C	Solvents Distillation	223 +277°C	0.2	100	395
107C	88C	Solvents Distillation	248 +302°C	0.2	100	395
108F	-	Saybolt Viscosity	270 +290°F	0.5	Total	175
109F	-	Saybolt Viscosity	320 +340°F	0.5	Total	175
110C	83C	Kinematic Viscosity	133.6 +136.4°C	0.05	Total	305
110F	-	Kinematic Viscosity	272.5 +277.5°F	0.1	Total	305
111C	-	Tar Acids DistIlation	170 +250°C	0.2	100	395
112C	-	of Benzene	4 +6°C	0.02	Total	215
112C	89C	Softening Point Wide Range	-1 +175°C	0.5	Total	405
113F	89F	Softening Point Wide Range	30 +350°F	1	Total	405
114C	14C	Aviation Fuel Freezing Point	-80 +20°C	0.5	Total	300
116C	-	Bomb Calorimeter	18.9 +25.1°C	0.01	Total	609
117C	-	Bomb Calorimeter	23.9 +30.1°C	0.01	Total	609
118C	-	Kinematic Viscosity	28.6 +31.4°C	0.05	Total	305
118F	-	Kinematic Viscosity	83.5 +88.5°F	0.1	Total	305
119C	-	Anti-Freeze Freezing Point	38.3 -30°C	0.1	100	420
119F	-	Anti-Freeze Freezing Point	-37 -22°F	0.2	100	420v
120C	92C	Kinematic Viscosity	38.6 +41.4°C	0.05	Total	305
121C	32C	Kinematic Viscosity	98.6 +101.4°C	0.05	Total	305
122C	94C	Brookfield Viscosity	-45 -35°C	0.1	Total	305
123C	95C	Brookfield Viscosity	-35 -25°C	0.1	Total	305
124C	96C	Brookfield Viscosity	-25 -15°C	0.1	Total	305
125C	97C	Brookfield Viscosity	-15 -5°C	0.1	Total	305
126C	71C	Kinematic Viscosity	27.4 -24.6°C	0.05	Total	305
126F	71F	Kinematic Viscosity	17.5 -12.5°F	0.1	Total	305
127C	99C	Kinematic Viscosity	21.4 -18.6°C	0.05	Total	305
128C	33C	Kinematic Viscosity	-1.4 +1.4°C	0.05	Total	305
128F	33F	Kinematic Viscosity	29.5 +34.5°F	0.1	Total	305
129C	36C	Kinematic Viscosity	91.6 +94.4°C	0.05	Total	305
129F	36F	Kinematic Viscosity	197.5 +202.5°F	0.1	Total	305