

cSt to SUS Conversion Chart

CONVERSION				
Kinematic Viscosity (cSt)				
to				
Saybolt Universal Viscosity (SUS)				
cSt	SUS		cSt	SUS
2.0	32.6		27.6	130.0
2.5	34.3		29.8	140.6
3.0	36.0		32.0	150.5
4.1	39.5		34.2	160.4
5.0	42.4		36.4	170.4
7.0	48.8		38.6	180.4
9.0	55.4		40.8	190.4
10.0	58.8		43.0	200.0
10.5	60.5		46.0	214.0
12.0	66.0		47.0	221.0
13.3	70.8		51.7	240.0
1.9	77.0		56.1	261.0
15.0	77.4		60.4	280.0
15.9	81.0		64.7	300.0
17.1	85.8		68.0	315.0
18.3	90.7		70.2	326.0
19.5	95.7		73.0	339.0
20.7	100.8		74.0	343.0
22.0	106.3		75.0	348.0

Note:

The relationship between saybolt seconds and kinematic viscosities is linear above 75 cSt.

To Convert Kinematic Viscosities above 75 cSt to SUS at 210°F, multiply by 4.664.

To convert centistokes to SUS at 100°F, multiply by 4.632