

Two-stroke Pre-Mix Ratio Chart

Mixture Ratio to 1	Percent oil	Ounces					
		Ounces of oil per gallon of gas					
		1 gal.	2 gal.	2.5 gal.	3 gal.	4 gal.	5 gal.
16	6.25	8.00	16.00	20.00	24.00	32.00	40.00
20	5.00	6.40	12.80	16.00	19.20	25.60	32.00
25	4.00	5.12	10.24	12.80	15.36	20.48	25.60
30	3.33	4.27	8.53	10.67	12.80	17.07	21.33
32	3.13	4.00	8.00	10.00	12.00	16.00	20.00
35	2.86	3.66	7.31	9.14	10.97	14.63	18.29
40	2.50	3.20	6.40	8.00	9.60	12.80	16.00
45	2.22	2.84	5.69	7.11	8.53	11.38	14.22
50	2.00	2.56	5.12	6.40	7.68	10.24	12.80
55	1.82	2.33	4.65	5.82	6.98	9.31	11.64
60	1.67	2.13	4.27	5.33	6.40	8.53	10.67
70	1.43	1.83	3.66	4.57	5.49	7.31	9.14
80	1.25	1.60	3.20	4.00	4.80	6.40	8.00
90	1.11	1.42	2.84	3.56	4.27	5.69	7.11
100	1.00	1.28	2.56	3.20	3.84	5.12	6.40

Mixture Ratio to 1	Percent oil	CC's					
		CC's of oil per gallon of gas					
		1 gal.	2 gal.	2.5 gal.	3 gal.	4 gal.	5 gal.
16	6.25	236.56	473.12	591.40	709.68	946.24	1182.80
20	5.00	189.25	378.50	473.12	567.74	756.99	946.24
25	4.00	151.40	302.80	378.50	454.20	605.59	756.99
30	3.33	126.17	252.33	315.41	378.50	504.66	630.83
32	3.13	118.28	236.56	295.70	354.84	473.12	591.40
35	2.86	108.14	216.28	270.35	324.43	432.57	540.71
40	2.50	94.62	189.25	236.56	283.87	378.50	473.12
45	2.22	84.11	168.22	210.28	252.33	336.44	420.55
50	2.00	75.70	151.40	189.25	227.10	302.80	378.50
55	1.82	68.82	137.63	172.04	206.45	275.27	344.09
60	1.67	63.08	126.17	157.71	189.25	252.33	315.41
70	1.43	54.07	108.14	135.18	162.21	216.28	270.35
80	1.25	47.31	94.62	118.28	141.94	189.25	236.56
90	1.11	42.06	84.11	105.14	126.17	168.22	210.28
100	1.00	37.85	75.70	94.62	113.55	151.40	189.25

Constants: 29.57 cc's per liquid ounce
128.00 ounces per gallon

How to use this chart:

Locate your mixture ratio on the left then find how many gallons of gas you want to make on the right

For example:

You want to mix 4 gallons at 80:1, you would add 6.4 ounces of oil

or for CC's, if you want to mix 2.5 gallons at 70:1 you would add 135.18 cc's of oil