Gas to Oil Pre-Mix Ratios for Two Stroke Engines

USA Mixtures

Ounces of Oil to Gallons of Gas

Ratio Gas to Oil	1 Gallon Gas	2 Gallons Gas	3 Gallons Gas	4 Gallons Gas	5 Gallons Gas
16 to 1	8 Oz	16 Oz	24 Oz	32 Oz	40 Oz
	Oil	Oil	Oil	Oil	Oil
20 to 1	6.4 Oz	12.8 Oz	19.2 Oz	25.6 Oz	32 Oz
BEST	Oil	Oil	Oil	Oil	Oil
32 to 1	4 Oz	8 Oz	12 Oz	16 Oz	20 Oz
OK	Oil	Oil	Oil	Oil	Oil
40 to 1 NOT SO GOOD	3.2 Oz Oil	6.4 Oz Oil	9.6 Oz Oil	12.8 Oz Oil	16 Oz Oil
50 to 1	2.56 Oz	5.12 Oz	7.68 Oz	10.24 Oz	12.8 Oz
DO NOT USE	Oil	Oil	Oil	Oil	Oil
100 to 1	1.28 Oz	2.56 Oz	3.84 Oz	5.12 Oz	6.4 Oz
NEVER USE!	Oil	Oil	Oil	Oil	Oil

To Use: Pick your ratio, pick the amount of gas you want to use and follow the columns and rows to the correct amount of oil. For 1 gallon at 20 to 1, follow the 1 gallon column down to the 20 to 1 row and you find you will need 6.4 Oz of oil.

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Gas to Oil Pre-Mix Ratios for Two Stroke Engines

Metric Mixtures

Milliliters of Oil to Liters of Gas

Percentage of Oil to Gas	1 Liter Gas	2 Liters Gas	3 Liters Gas	4 Liters Gas	5 liters Gas
1% 100 to 1 Ratio DO NOT USE!	10 ML Oil	20 ML Oil	30 ML Oil	40 ML Oil	50 ML Oil
2% 50 to 1 Ratio NOT SO GOOD	20 ML Oil	40 ML Oil	60 ML Oil	80 ML Oil	100 ML Oil
3% 33 to 1 Ratio OK	30 ML Oil	60 ML Oil	90 ML Oil	120 ML Oil	150 ML Oil
4% 25 to 1 Ratio GOOD	40 ML Oil	80 ML Oil	120 ML Oil	160 ML Oil	200 ML Oil
5% 20 to 1 Ratio BEST!	50 ML Oil	100 ML Oil	150 ML Oil	200 ML Oil	250 ML Oil

To Use: Pick your percentage or ratio, pick the amount of gas you want to use and follow the columns and rows to the correct amount of oil. For 1 liter at 5% (20 to 1), follow the 1 liter column down to the 5% row and you find you will need 50 Milliliters (ML) of oil per liter.

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