

Mixing 2-stroke fuel

When mixing 2-stroke oil and fuel to produce fuel suitable for use in Pre-Mix 2-stroke engines, the ratio of fuel to 2-stroke oil is vital to maintain the performance of your 2-stroke engine as well as prevent damage to the internal parts of the engine.

You should always follow the manufacturers instructions as to the correct ratio (proportion) of fuel to oil . The same rules apply when mixing 2-stroke fuel for your whipper snipper, or lawn mower as they do for 2-stroke motorcycle engines.

All 2-stroke products sold by **ZUMA**[®] are recommended to run on a 25:1 (25 to 1) ratio. (Please note this can be represented as a percentage also, but ratio is most commonly used)

Refer to the table below to help explain 2-stroke fuel to oil ratios.

	Fuel / oil ratio	(Fuel /oil percentage)	ml of oil/ per 1 x litre of fuel	ml of oil/ per 5 x litres of fuel	ml of oil/ per 10 x litres of fuel	ml of oil/ per 20 x litre of fuel
↑ Richer	20:1	5%	50ml	250ml	500ml	1litre
	25:1	4%	40ml	200ml	400ml	800ml
↓ Leaner	30:1	3.33%	33.3ml	166.5ml	333ml	666ml
	35:1	2.86%	28.6ml	143ml	286ml	572ml
	50:1	2%	20ml	100ml	200ml	400ml
	100:1	1%	10ml	50ml	100ml	200ml