



I'm not robot



I am not robot!

What is the fuel mixture for a mercury outboard motor

What is a Mercury outboard's gas to oil ratio?

Well, there are different types of gas to fuel ratios when it comes to Mercury outboard. Among them, the ratio of 50:1 is the most common and recommended. You must maintain this proper gas to fuel ratio to get optimal performance from your Mercury outboard motor. In the ratio of 50:1, you need to add 100 ml of oil to 5 liters of fuel.

And in this article, we will bring to light the facts and the most wanted Mercury outboard fuel mixture chart. Needless to say, the chart will help you determine the mix ratio of the Mercury outboard motor. So, keep reading this article. If you can't find the expected performance from your Mercury outboard motor, it can happen that the fuel mixture ratio is not appropriate. And this issue is the most customary among people concerned about the Mercury outboard. Putting too much oil into your Mercury outboard motor will be worse. You must bear in mind that engine lubrication is essential, and oil plays a massive role in this instance.

OILING SPECIFICATIONS	
QUANTITY OF OIL PER GALLON OF GASOLINE	Oil Type
1:1 2-stroke engines—40:1, 50:1, 60:1, 70:1, 80:1, 100:1, 150:1, 160:1, 200:1, 250:1, 300:1, 350:1, 400:1, 450:1, 500:1, 550:1, 600:1, 650:1, 700:1, 750:1, 800:1, 850:1, 900:1, 950:1, 1000:1, 1100:1, 1200:1, 1300:1, 1400:1, 1500:1, 1600:1, 1700:1, 1800:1, 1900:1, 2000:1, 2100:1, 2200:1, 2300:1, 2400:1, 2500:1, 2600:1, 2700:1, 2800:1, 2900:1, 3000:1, 3100:1, 3200:1, 3300:1, 3400:1, 3500:1, 3600:1, 3700:1, 3800:1, 3900:1, 4000:1, 4100:1, 4200:1, 4300:1, 4400:1, 4500:1, 4600:1, 4700:1, 4800:1, 4900:1, 5000:1, 5100:1, 5200:1, 5300:1, 5400:1, 5500:1, 5600:1, 5700:1, 5800:1, 5900:1, 6000:1, 6100:1, 6200:1, 6300:1, 6400:1, 6500:1, 6600:1, 6700:1, 6800:1, 6900:1, 7000:1, 7100:1, 7200:1, 7300:1, 7400:1, 7500:1, 7600:1, 7700:1, 7800:1, 7900:1, 8000:1, 8100:1, 8200:1, 8300:1, 8400:1, 8500:1, 8600:1, 8700:1, 8800:1, 8900:1, 9000:1, 9100:1, 9200:1, 9300:1, 9400:1, 9500:1, 9600:1, 9700:1, 9800:1, 9900:1, 10000:1	Mercury Two-Stroke—10W, 30W, 40W, 50W, 60W, 70W, 80W, 90W, 100W, 110W, 120W, 130W, 140W, 150W, 160W, 170W, 180W, 190W, 200W, 210W, 220W, 230W, 240W, 250W, 260W, 270W, 280W, 290W, 300W, 310W, 320W, 330W, 340W, 350W, 360W, 370W, 380W, 390W, 400W, 410W, 420W, 430W, 440W, 450W, 460W, 470W, 480W, 490W, 500W, 510W, 520W, 530W, 540W, 550W, 560W, 570W, 580W, 590W, 600W, 610W, 620W, 630W, 640W, 650W, 660W, 670W, 680W, 690W, 700W, 710W, 720W, 730W, 740W, 750W, 760W, 770W, 780W, 790W, 800W, 810W, 820W, 830W, 840W, 850W, 860W, 870W, 880W, 890W, 900W, 910W, 920W, 930W, 940W, 950W, 960W, 970W, 980W, 990W, 1000W
1:1 4-stroke engines—40:1, 50:1, 60:1, 70:1, 80:1, 100:1, 150:1, 200:1, 250:1, 300:1, 350:1, 400:1, 450:1, 500:1, 550:1, 600:1, 650:1, 700:1, 750:1, 800:1, 850:1, 900:1, 950:1, 1000:1, 1100:1, 1200:1, 1300:1, 1400:1, 1500:1, 1600:1, 1700:1, 1800:1, 1900:1, 2000:1, 2100:1, 2200:1, 2300:1, 2400:1, 2500:1, 2600:1, 2700:1, 2800:1, 2900:1, 3000:1, 3100:1, 3200:1, 3300:1, 3400:1, 3500:1, 3600:1, 3700:1, 3800:1, 3900:1, 4000:1, 4100:1, 4200:1, 4300:1, 4400:1, 4500:1, 4600:1, 4700:1, 4800:1, 4900:1, 5000:1, 5100:1, 5200:1, 5300:1, 5400:1, 5500:1, 5600:1, 5700:1, 5800:1, 5900:1, 6000:1, 6100:1, 6200:1, 6300:1, 6400:1, 6500:1, 6600:1, 6700:1, 6800:1, 6900:1, 7000:1, 7100:1, 7200:1, 7300:1, 7400:1, 7500:1, 7600:1, 7700:1, 7800:1, 7900:1, 8000:1, 8100:1, 8200:1, 8300:1, 8400:1, 8500:1, 8600:1, 8700:1, 8800:1, 8900:1, 9000:1, 9100:1, 9200:1, 9300:1, 9400:1, 9500:1, 9600:1, 9700:1, 9800:1, 9900:1, 10000:1	Mercury Four-Stroke—10W, 30W, 40W, 50W, 60W, 70W, 80W, 90W, 100W, 110W, 120W, 130W, 140W, 150W, 160W, 170W, 180W, 190W, 200W, 210W, 220W, 230W, 240W, 250W, 260W, 270W, 280W, 290W, 300W, 310W, 320W, 330W, 340W, 350W, 360W, 370W, 380W, 390W, 400W, 410W, 420W, 430W, 440W, 450W, 460W, 470W, 480W, 490W, 500W, 510W, 520W, 530W, 540W, 550W, 560W, 570W, 580W, 590W, 600W, 610W, 620W, 630W, 640W, 650W, 660W, 670W, 680W, 690W, 700W, 710W, 720W, 730W, 740W, 750W, 760W, 770W, 780W, 790W, 800W, 810W, 820W, 830W, 840W, 850W, 860W, 870W, 880W, 890W, 900W, 910W, 920W, 930W, 940W, 950W, 960W, 970W, 980W, 990W, 1000W

Putting too much oil into your Mercury outboard motor will be worse.

FACTS ABOUT 2-CYCLE OIL

Most handheld equipment manufactured before 2003 requires a **32:1** ratio

SMALL ENGINE CARE
Outboard engines, leaf blowers, weed trimmers and other equipment with small engines often have a 2-cycle, also known as 2-stroke, engine. If the engine has a single fill port for both engine oil and gas, it is a 2-cycle engine that requires a specific mix of oil and gas to function properly.

50:1
Use 2.6 fluid ounces of oil per gallon of gas

40:1
Use 3.2 fluid ounces of oil per gallon of gas

32:1
Use 4 fluid ounces of oil per gallon of gas

10%
Do NOT use gasoline with more than 10% ethanol

CREATE THE OIL MIX

Pour the correct amount of 2-stroke oil into a clean gas can. Add the correct amount of gasoline. Stir or shake the container to mix the oil and gas. Use the mixture within 30 days or add Sta-Bil® fuel stabilizer to extend the shelf life.

Likewise, determining the fuel mixture ratio on your Mercury outboard depends on a few facts.

OUTBOARD ELECTRICAL PARTS	
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
35	36
37	38
39	40
41	42
43	44
45	46
47	48
49	50
51	52
53	54
55	56
57	58
59	60
61	62
63	64
65	66
67	68
69	70
71	72
73	74
75	76
77	78
79	80
81	82
83	84
85	86
87	88
89	90
91	92
93	94
95	96
97	98
99	100

In the ratio of 50:1, you need to add 100 ml of oil to 5liters of fuel. Likewise, determining the fuel mixture ratio on your Mercury outboard depends on a few facts. And in this article, we will bring to light the facts and the most wanted Mercury outboard fuel mixture chart. Needless to say, the chart will help you determine the mix ratio of the Mercury outboard motor. So, keep reading this article. If you can't find the expected performance from your Mercury outboard motor, it can happen that the fuel mixture ratio is not appropriate. And this issue is the most customary among people concerned about the Mercury outboard. Putting too much oil into your Mercury outboard motor will be worse. You must bear in mind that engine lubrication is essential, and oil plays a massive role in this instance. Notwithstanding, an inordinate fuel mixture with the oil brings opposite results. According to Glen McCimillan on Quora, "If you put too much oil in the gasoline, or the metering pump is out of whack and delivers too much oil, the engine will smoke, run rough, and lose power." Now, you might wonder what issues you might face if the fuel mixture on your Mercury outboard is just not right. Well, the most frequent and irritating issues are- Outboard motor hard starting, Loss of expected power, [dawngehiyu](#) Motor misfire. Nasty smoke from exhaust on the Mercury outboard is the most common. So, to get the most out of your outboard motor and ensure smoother operation, you should use the correct oil to fuel the mixture. Now, let's have a glimpse at the chart below.



Putting too much oil into your Mercury outboard motor will be worse. You must bear in mind that engine lubrication is essential, and oil plays a massive role in this instance. Notwithstanding, an inordinate fuel mixture with the oil brings opposite results. According to Glen McCimillan on Quora, "If you put too much oil in the gasoline, or the metering pump is out of whack and delivers too much oil, the engine will smoke, run rough, and lose power." Now, you might wonder what issues you might face if the fuel mixture on your Mercury outboard is just not right. [desivusaxax](#) Well, the most frequent and irritating issues are- Outboard motor hard starting, Loss of expected power, Motor misfire. Nasty smoke from exhaust on the Mercury outboard is the most common. So, to get the most out of your outboard motor and ensure smoother operation, you should use the correct oil to fuel the mixture. Now, let's have a glimpse at the chart below. Fuel Liter Ratio Oil (ml) for 1 Liter of Fuel Oil (ml), for 2 Liter of Fuel Oil (ml), for 3 Liter of Fuel Oil (ml), for 4 Liter of Fuel Oil (ml), For 5 Liter of Fuel Oil (ml), For 7.5 Liter of Fuel Oil (ml), For 10 Liter of Fuel Oil (ml), For 15 Liter of Fuel Oil (ml), For 20 Liter of Fuel Oil (ml), For 25 Liter of Fuel 16:1 63 125 188 150 125 120 100 75 60 50 20:1 50 100 150 200 250 375 500 750 1000 1250 24:1 42 83 125 167 208 313 417 625 833 1042 25:1 40 80 120 160 200 300 400 600 800 1000 30:1 33 67 100 133 167 250 333 500 667 833 40:1 25 50 75 100 125 188 250 375 500 625 50:1 20 40 60 80 100 150 200 300 400 500 60:1 17 33 50 67 83 125 167 250 333 17 The chart is all about how much oil you need to add to what quantity of fuel in your Mercury outboard motor. So, it does make too much sense that first, you need to know the liter of fuel you have on your Mercury outboard. More precisely, you need to add oil based on the fuel the outboard motor contains. However, how do you know the amount of fuel your outboard motor can contain? For this, what you need to guarantee is the model of the Mercury outboard motor. Based on the model of the outboard motor you have, it is mentioned in the owner's manual how much fuel a particular Mercury outboard motor can contain. Next, carefully look at the chart and determine the exact fuel-to-oil ratio you need to choose to ensure the smooth performance of the outboard motor. For example, if your Mercury outboard motor can contain 10 liters of oil, you should add 200 ml of oil in the oil-fuel-mixture ratio of 50:1. Frequently Asked Questions (FAQs) What Fuel Should I Use in My Mercury Outboard? There are far many fuel options that come with the Mercury outboard motor. However, the most appropriate and recommended one is that type of oil that contains not more than 10 percent of alcohol. However, if the amount of alcohol is a bit less than 10 percent, depending on the liter of the engine, you have on your Mercury outboard motor. What Happens if You Mix Too Much Oil in a 2 Stroke Outboard? You should always try to put an appropriate amount of oil into the fuel of your Mercury outboard motor. Moreover, putting too much oil than what is recommended causes some serious problems related to the motor. Among them, the issue of motor hard starting or starting failure, loud noise from the motor chamber, and smoke coming from the motor's exhaust are most common. What Octane Is in Mercury 4 Stroke Outboard? The best option for Mercury 4-stroke outboard fuel is going with the 87 octane. This is highly suggested for some other types of outboard motors like Yamaha as well. Likewise, you can also use the octane 87 fuel even if you have the 2-stroke Mercury engine motor. You were looking forward to having the Mercury outboard fuel mixture chart. And, if you have read this article so far, including the chart, we believe you've got what you expected. We recommend you take time and know the motor of your Mercury outboard. Once you do it, you can determine the right fuel mixture that ensures smoother operation of your Mercury outboard motor. Then again, don't add excess oil to the rule and ruin the optimal performance of the motor. In addition, while choosing the oil and fuel, make sure you choose the appropriate ones. That's all from here. You Can Also Read: