

Fuel	RON	MON	AKI
hexadecane	< -30		
<i>n</i> -octane	-10		
<i>n</i> -heptane (RON and MON 0 by definition)	0	0	0
diesel fuel	15–25		
2-methylheptane	23	23.8	
<i>n</i> -hexane	25	26.0	26
1-pentene	34		
2-methylhexane	44	46.4	
3-methylhexane		55.0	
1-heptene	60		
<i>n</i> -pentane	62	61.9	
requirement for a typical two-stroke outboard engine[6]	69	65	67
Pertamina "Premium" gasoline in Indonesia	88		
<i>n</i> -butanol	92	71	83
2,2-dimethylpropane		80.2	
"regular" gasoline in Australia, New Zealand, Canada and the US	91–92	82–83	87
Pertamina "Pertamax" gasoline in Indonesia	92		
Shell "Super" in Indonesia	92		
<i>n</i> -butane	94[7]	90.1	
2-methylbutane		90.3	
Pertamina "Pertamax Plus" gasoline in Indonesia	95		
Shell "Super Extra" in Indonesia	95		
Shell "FuelSave " in Malaysia	95		
"EuroSuper" or "EuroPremium" or "Regular unleaded" in Europe, "SP95" in France	95	85–86	90–91
"Premium" or "Super unleaded" gasoline in US (10% ethanol blend)	97	87-88	92-93
Shell "V-Power 97" in Malaysia	97		
Shell "V-Power 98", Caltex "Platinum 98 with Techron", Esso Mobil "Synergy 8000" and SPC "LEVO 98" in Singapore	98	89–90	93–94
Great Britain, Slovenia and Spain, "SP98" in France	98	89–90	93–94
"SuperPlus" in Germany	98	88	
Shell V-Power in Italy and Germany	100	88	
Eni(or Agip) Blu Super +(or Tech) in Italy	100		
IP Plus 100 in Italy	100		
Tamoil WR 100 in Italy	100		
San Marco Petroli F-101 in Italy(northern Italy only, just a few gas stations)	101		
Petro-Canada "Ultra 94" in Canada [8]	101.5	88	94

Aral Super 95 in Germany	95	85	
Aral Super 95 E10 (10% Ethanol) in Germany	95	85	
Aral SuperPlus 98 in Germany	98	88	
Aral Ultimate 102 in Germany	102	88	
IES 98 Plus in Italy	98		
2,2-dimethylbutane		93.4	
2,3-dimethylbutane		94.4	
ExxonMobil Avgas 100 ^[9]		99.5 (min)	
Shell "V-Power Racing" in Australia - discontinued July 2008 ^[10]	100		
"isooctane" (RON and MON 100 by definition)	100	100	100
benzene	101		
i-butane	102 ^[11]	97.6	
"BP Ultimate 102 - now discontinued" ^[12]	102	93–94	97–98
t-butanol	103	91	97
2,3,3-trimethylpentane	106.1 ^[13]	99.4 ^[13]	103
ethane	108		
2,2,3-trimethylpentane	109.6 ^[13]	99.9 ^[13]	105
toluene	111	95	103
E85 gasoline	102-105	85-87	94-96 ^[14]
propane	112	97	
2,2,3-trimethylbutane	112.1 ^[13]	101.3 ^[13]	106
xylene	117		
isopropanol	118	98	108
methanol	108.7 ^[15]	88.6 ^[15]	98.65
ethanol	108.6 ^[15]	89.7 ^[15]	99.15
2,5-Dimethylfuran	119		
methane	120	120	120
hydrogen	> 130		

[edit]