

Sunoco Race Fuels - VP Fuels Cross Reference Chart

Sunoco Race Fuels													
800-RACE-GAS (800-722-3427) www.racegas.com													
VP Fuel	Claimed MON	Claimed RON	Claimed R+M/2	Specific Gravity	Leaded or Unleaded	Oxygen (a)	Sunoco Race Fuel	MON	RON	R+M/2	Specific Gravity	Leaded or Unleaded	Oxygen wt%
C9	92	100	96	0.718	Unleaded	No	Optima	92	98	95	0.723	Unleaded	0
C10	96	104	100	0.763	Unleaded	No	260 GTX	93	103	98	0.764	Unleaded	0
C11	105	114	109	0.716	Leaded	No	Supreme	109	115	112	0.717	Leaded	0
C12	108	117	112	0.717	Leaded	No	Supreme	109	115	112	0.717	Leaded	0
C14	114	119	116	0.696	Leaded	No	Maximal	114	118	116	0.712	Leaded	0
C14 PLUS	115	120	118	0.696	Leaded	No	SR18	116	120	118	0.704	Leaded	0
C15	115	120	118	0.713	Leaded	No	SR18	116	120	118	0.704	Leaded	0
C16	117	120	120(?)	0.735	Leaded	No	MaxNOS	113	119	116	0.734	Leaded	0
C19	116			0.695	Leaded	No	SR18	116	120	118	0.704	Leaded	0
C23	120	120	120	0.709	Leaded	No	SR18	116	120	118	0.704	Leaded	0
C25	114	120	118	0.695	Leaded	No	SR18	116	120	118	0.704	Leaded	0
C44	98			0.676	Leaded	No	SR18	116	120	118	0.704	Leaded	0
C85	90	106	98	0.793	Unleaded	Yes	E85-R	94 est.	104 est.	99 est.	0.790	Unleaded	30
CHP	101	116	108	0.726	Leaded	Yes (MTBE)	EXO2	105 est.	115 est.	110 est.	0.750	Leaded	10
Late Model	110	112	111	0.722	Leaded	No	Supreme	109	115	112	0.717	Leaded	0
Late Model Plus	113	120	117	0.727	Leaded	Yes	HCR Plus	110	118	114	0.739	Leaded	0
Motorsport 100 (All 100)	96	104	100	0.75	Unleaded	Yes	260 GT (b)	95	105	100	0.734	Unleaded	3.7
Motorsport 101	99	103	101	0.8	Unleaded	Yes	260 GT	95	105	100	0.734	Unleaded	3.7
Motorsport 103	99	107	103	0.743	Unleaded	Yes	260 GT Plus	98	110	104	0.762	Unleaded	4.7
Motorsport 105L, Marine	101	108	105	0.745 - 0.760	Leaded	No	Standard	106	114	110	0.728	Leaded	0
Motorsport 109 (not 109E)	101	109	105	0.724	Unleaded	Yes (MTBE)	260 GT Plus	98	110	104	0.762	Unleaded	4.7
MR-Pro6	87	104	95	0.724	Unleaded	Yes (MTBE)	260 GT	95	105	100	0.734	Unleaded	3.7
MR12	87	100	93.5	0.733	Leaded	8.75% (MTBE)	EXO2	105 est.	115 est.	110 est.	0.750	Leaded	10.0
MRXO2	100	108	104	0.734	Leaded	Yes (MTBE)	EXO2	105 est.	115 est.	110 est.	0.750	Leaded	10.0
NO2	120	120	120	0.699	Leaded	No	SR18	116	120	118	0.704	Leaded	0
Q16	116	120+	118	0.716	Leaded	10% (55% MTBE)	EXO2	105 est.	115 est.	110 est.	0.750	Leaded	10.0
SEF			94		Unleaded	No	Optima	92	98	95	0.723	Unleaded	0
T4	93	108	100	0.745	Unleaded	Yes (MTBE)	260 GT Plus	98	110	104	0.762	Unleaded	4.7
U4.4	103	114	108	0.763	Leaded	Yes (MTBE)	EXO2	105 est.	115 est.	110 est.	0.750	Leaded	10.0
U4e	93	100	97	0.718	Leaded	Yes (Ethanol)	Green E15	93	104	98	0.742	Unleaded	5.6
VP 110, Sportsman	107	113	110	0.720 - 0.735	Leaded	No	Standard	106	114	110	0.729	Leaded	0
VP 113	109	117	113	0.721	Leaded	6.2% (32% MTBE) (c)	EXO2	105 est.	115 est.	110 est.	0.750	Leaded	10.0
VP 113E	108	117	113	0.744	Leaded	Yes (Ethanol)	EXO2	105 est.	115 est.	110 est.	0.750	Leaded	10.0
VPR	101	109	105	0.732	Leaded	Yes (MTBE)	MO2X	108	116	112	0.720	Leaded	2.7
X16	114	118	116	0.710	Leaded	No	Maximal	114	118	116	0.712	Leaded	0

Notes:

This chart provides suggested cross references only. If you are not sure about the best fuel for a given application, contact Sunoco.

Never switch fuels, even if within the same brand, without considering possible fuel and ignition system re-tuning needs. If you are unsure about the oxygen content of VP fuels, contact VP.

If you don't see a VP fuel listed on this page, it may be because (1) they no longer offer it, (2) we've never received an inquiry about a cross reference, or (3) there is insufficient information to adequately determine a good cross reference. Consult with Sunoco for specific applications.

Footnotes:

(a) The percent of oxygen in many of these VP fuels is not known. Any actual numerical values are either from published VP specs or from our own tests.

(b) Use SS 100 in California.

(c) MSDS/SDS conflicts with product claims. Consult with VP for compositional information.