

## Approximate Fuel Consumption - Diesel Genset

N Ravi Menon\*

kW	1/4 load		1/2 load		3/4 load		Full load	
	litre hr <sup>-1</sup>	gal hr <sup>-1</sup>	litre hr <sup>-1</sup>	gal hr <sup>-1</sup>	litre hr <sup>-1</sup>	gal hr <sup>-1</sup>	litre hr <sup>-1</sup>	gal hr <sup>-1</sup>
20	6	1.32	9	1.98	1.3	0.29	1.6	0.35
30	1.3	0.29	1.8	0.40	2.4	0.53	2.9	0.64
40	1.6	0.35	2.3	0.51	3.2	0.70	4	0.88
60	1.8	0.40	2.9	0.64	3.8	0.84	4.8	1.06
75	2.4	0.53	3.4	0.75	4.6	1.01	6.1	1.34
100	2.6	0.57	4.1	0.90	5.8	1.28	7.4	1.63
125	3.1	0.68	5	1.10	7.1	1.56	9.1	2.00
135	3.3	0.73	5.4	1.19	7.6	1.67	9.8	2.16
150	3.6	0.79	5.9	1.30	8.4	1.85	10.9	2.40
175	4.1	0.90	6.8	1.50	9.7	2.13	12.7	2.79
200	4.7	1.03	7.7	1.69	11	2.42	14.4	3.17
230	5.3	1.17	8.8	1.94	12	2.64	16.6	3.65
250	5.7	1.25	9.5	2.09	13.6	2.99	18	3.96
300	6.8	1.50	11.3	2.49	16.1	3.54	21.5	4.73
350	7.9	1.74	13.1	2.88	18.7	4.11	25.1	5.52
400	8.9	1.96	14.9	3.28	21.3	4.69	28.6	6.29
500	11	2.42	18.5	4.07	26.4	5.81	35.7	7.85
600	13.2	2.90	22	4.84	31.5	6.93	42.8	9.41
750	16.3	3.59	27.4	6.03	39.3	8.64	53.4	11.75
1 000	21.6	4.75	36.4	8.01	52.1	11.46	71.1	15.64
1 250	26.9	5.92	45.3	9.96	65	14.30	88.8	19.53
1 500	32.2	7.08	54.63	12.02	77.8	17.11	106.5	23.43
1 750	37.5	8.25	63.2	13.90	90.7	19.95	124.2	27.32
2 000	42.8	9.41	72.2	15.88	103.5	22.77	141.9	31.21
2 250	48.1	10.58	81.1	17.84	116.4	25.60	159.6	35.11

Source: [www.dieselserviceandsupply.com](http://www.dieselserviceandsupply.com), colorado with some addition.

\* Malaysian Palm Oil Board (MPOB),  
6, Persiaran Institusi,  
Bandar Baru Bangi,  
43000 Kajang, Selangor, Malaysia.  
E-mail: [nravi@mpob.gov.my](mailto:nravi@mpob.gov.my)