

LISTER-PETTER DIESEL ENGINES

ENGINE OUTPUT TABLE



		CONTINUOUS OUTPUT Kw @ rpm																				
Cyl	cooling	1000		1250		1500		1600		1800		2000		2250		2500		2750		3000		
		KW	HP	KW	HP	KW	HP	KW	HP	KW	HP	KW	HP	KW	HP	KW	HP	KW	HP	KW	HP	
LT1	1	AIR	1.9	2.6	2.5	3.3	3.0	4.1	3.2	4.3	3.6	4.9	4.0	5.4	4.5	6.1	5.0	6.8	5.3	7.2	5.6	7.6
LV1	1	AIR	2.2	2.99	2.9	3.87	3.5	4.76	3.8	5.12	4.3	5.84	4.8	6.52	5.3	7.2	5.8	7.88	6.3	8.49	6.7	9.1
TR1	1	AIR					5.5	7.5	5.9	8.0	6.7	9.1	7.3	9.9	8.0	10.8	8.6	11.7				
TR2	2	AIR					11.0	14.9	11.7	15.9	13.1	17.8	14.5	19.7	15.9	21.6	17.3	23.5				
TR3	3	AIR					16.8	22.8	17.9	24.4	20.2	27.4	22.2	30.2	24.1	32.7	25.9	35.2				
LPW2	2	WATER					6.8	9.2	7.6	10.4	9.3	12.6	9.6	13.0	10.7	14.5	11.8	16.0	12.6	17.1	13.4	18.2
LPW3	3	WATER					10.3	14.0	11.5	15.6	13.9	18.9	14.5	19.7	16.1	21.9	17.7	24.0	18.9	25.7	20.1	27.3
LPW4	4	WATER					13.6	18.5	15.3	20.7	18.6	25.3	19.3	26.2	21.5	29.1	23.6	32.1	25.2	34.2	26.8	36.4
LPWT4	4	WATER					20.7	28.1	21.7	29.5	23.8	32.3	28.7	39.0	31.5	42.8	34.3	46.6	35.9	48.8	37.5	51.0

			1500		1600		1800		2000		2200	
			KW	HP	KW	HP	KW	HP	KW	HP	KW	HP
GW3-18	3	WATER			28	38.0	29	39.1	30	40.8		
GW4-22	4	WATER			40	54.3	41	55.4	42	57.1	45	61.1
GWT4-22	4	WATER			60	81.5	62	84.2	65	88.3	67	90.5
GWT6-2A	6	WATER			75	101.9	79	107.3	87	118.2	90	121.6
GWTA6	6	WATER			102	138.6	105	142.7	114	154.9	118	160.3

		L/ph FUEL CONSUMPTION @ 75% & 100% LOAD, @RPM (+/- 5%)																				
Cyl	cooling	1000		1250		1500		1600		1800		2000		2250		2500		2750		3000		
		75%	100%	75%	100%	75%	100%	75%	100%	75%	100%	75%	100%	75%	100%	75%	100%	75%	100%	75%	100%	
LT1	1	AIR	0.45	0.6	0.60	0.8	0.75	1.0	0.84	1.1	0.83	1.1	0.98	1.3	1.08	1.4	1.28	1.7	1.39	1.9	1.65	2.2
LV1	1	AIR	0.38	0.5	0.60	0.8	0.83	1.1	0.93	1.2	0.98	1.3	1.13	1.5	1.25	1.7	1.43	1.9	1.55	2.1	1.80	2.4
TR1	1	AIR	-	-	-	-	1.13	1.5	1.27	1.7	1.43	1.9	1.58	2.1	1.75	2.3	1.88	2.5	-	-	-	-
TR2	2	AIR	-	-	-	-	2.33	3.1	2.62	3.5	2.78	3.7	3.08	4.1	3.42	4.6	3.68	4.9	-	-	-	-
TR3	3	AIR	-	-	-	-	3.45	4.6	3.88	5.2	4.13	5.5	4.58	6.1	5.08	6.8	5.48	7.3	-	-	-	-
LPW2	2	WATER	-	-	-	-	1.43	1.9	1.60	2.1	1.73	2.3	1.88	2.5	2.08	2.8	2.40	3.2	2.62	3.5	2.93	3.9
LPW3	3	WATER	-	-	-	-	2.10	2.8	2.36	3.2	2.55	3.4	2.85	3.8	3.17	4.2	3.53	4.7	3.85	5.1	4.43	5.9
LPW4	4	WATER	-	-	-	-	2.85	3.8	3.21	4.3	3.45	4.6	3.75	5.0	4.17	5.6	4.73	6.3	5.15	6.9	5.85	7.8
LPWT4	4	WATER	-	-	-	-	3.68	4.9	4.13	5.5	4.50	6.0	5.33	7.1	5.92	7.9	6.60	8.8	7.20	9.6	7.95	10.6

			1500		1600		1800		2000		2200	
			75%	100%	75%	100%	75%	100%	75%	100%	75%	100%
GW3-18	3	WATER			5.7	7.6	5.9	7.8	6.2	8.2		
GW4-22	4	WATER	-	-	7.1	9.5	7.4	9.8	7.7	10.3	8.4	11.2
GWT4-22	4	WATER	-	-	11.3	15.0	12.2	16.3	12.8	17.0	13.1	17.5
GWT6-2A	6	WATER	-	-	18.0	24.0	19.1	25.4	21.0	28.0	22.1	29.5
GWTA6	6	WATER	-	-	23.3	31.0	24.4	32.5	26.3	35.0	27.4	36.5

Lister Standard Ratings:	
AMBIENT CONDITIONS	CONDITION
TEMPERATURE	25°C AMBIENT
HUMIDITY	65%
ALTITUDE	100m

Deration Factors	
AMBIENT CONDITIONS	DERATION FACTOR
TEMPERATURE	3% FOR EVERY 10° OVER 25°C
HUMIDITY	3% FOR EVERY 10% OVER 65%
ALTITUDE	1% FOR EVERY 100m ABOVE 300m

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