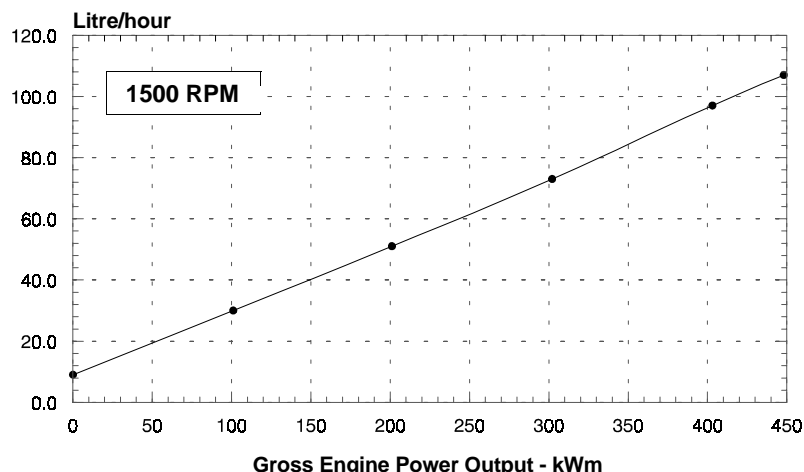
	CHONGQING CUMMINS ENGINE COMPANY Ltd. ENGINE PERFORMANCE CURVE	Basic Engine Model: KTA19-G3	Curve Number: FR-4128	Page No.
		Engine Critical Parts List: CPL: 1455	Date: 03JAN2004	
Displacement : 18.9 litre (1150 in³)		Bore : 159 mm (6.25 in.) Stroke : 159 mm (6.25 in.)		
No. of Cylinders : 6		Aspiration : Turbocharged and Aftercooled		

Engine Speed RPM	Standby Power		Prime Power		Continuous Power	
	kWm	BHP	kWm	BHP	kWm	BHP
1500	448	600	403	540	354	475
1800	511	685	463	620	388	520

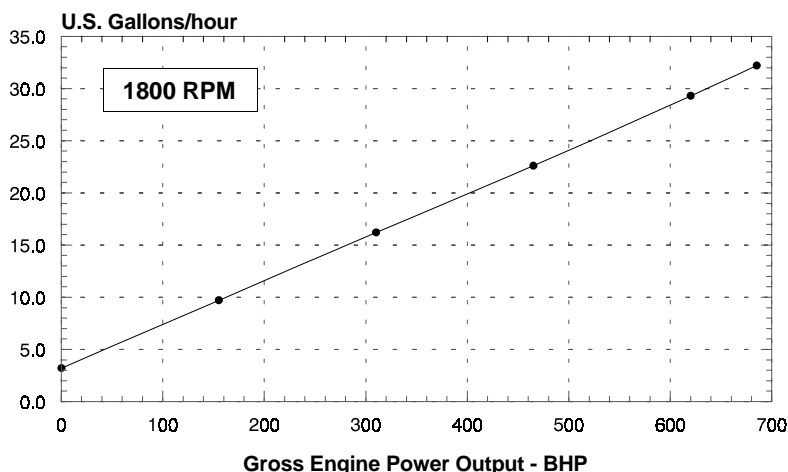
Engine Performance Data @ 1500 RPM

OUTPUT POWER			FUEL CONSUMPTION			
%	kWm	BHP	kg/ kWm·h	lb/ BHP·h	litre/ hour	U.S. Gal/ hour
STANDBY POWER						
100	448	600	0.203	0.334	107	28.2
PRIME POWER						
100	403	540	0.204	0.335	97	25.5
75	302	405	0.207	0.340	73	19.4
50	201	270	0.215	0.352	51	13.4
25	101	135	0.249	0.410	30	7.8
CONTINUOUS POWER						
100	354	475	0.211	0.347	88	23.2



Engine Performance Data @ 1800 RPM

OUTPUT POWER			FUEL CONSUMPTION			
%	kWm	BHP	kg/ kWm·h	lb/ BHP·h	litre/ hour	U.S. Gal/ hour
STANDBY POWER						
100	511	685	0.203	0.334	122	32.2
PRIME POWER						
100	463	620	0.204	0.336	111	29.3
75	347	465	0.210	0.345	86	22.6
50	231	310	0.226	0.371	61	16.2
25	116	155	0.270	0.444	37	9.7
CONTINUOUS POWER						
100	388	520	0.210	0.345	96	25.3



CONVERSIONS: (Litres = U.S. Gal x 3.785) (Engine kWm = BHP x 0.746) (U.S. Gal = Litres x 0.2642) (Engine BHP = Engine kWm x 1.34)

Data shown above represent gross engine performance capabilities obtained and corrected in accordance with ISO-3046 conditions of 100 kPa (29.53 in Hg) barometric pressure [110 m (361 ft) altitude], 25 °C (77 °F) air inlet temperature, and relative humidity of 30% with No. 2 diesel or a fuel corresponding to ASTM D2. See reverse side for application rating guidelines.

The fuel consumption data is based on No. 2 diesel fuel weight at 0.85 kg/litre (7.1 lbs/U.S. gal).

Power output curves are based on the engine operating with fuel system, water pump and lubricating oil pump; not included are battery charging alternator, fan, optional equipment and driven components.