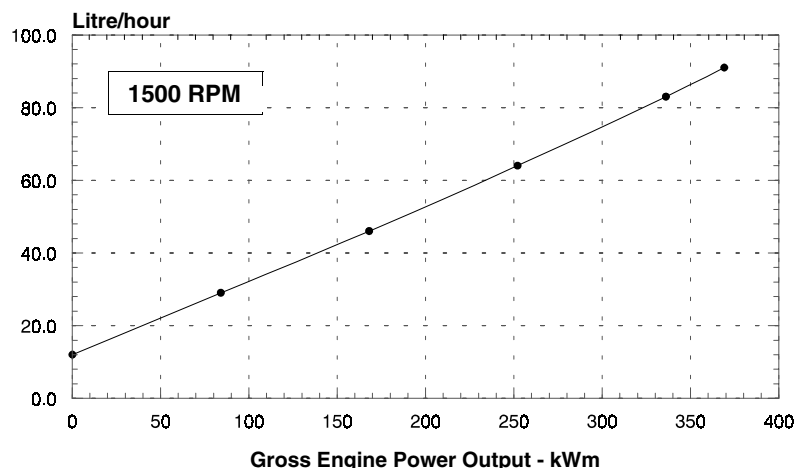
	CHONGQING CUMMINS ENGINE COMPANY Ltd. ENGINE PERFORMANCE CURVE	Basic Engine Model: KTA19-G2	Curve Number: FR-4125	Page No.
		Engine Critical Parts List: CPL: 0520	Date: 03JAN2004	
Displacement : 18.9 litre (1150 in³)		Bore : 159 mm (6.25 in.) Stroke : 159 mm (6.25 in.)		
No. of Cylinders : 6		Aspiration : Turbocharged and Aftercooled		

Engine Speed RPM	Standby Power		Prime Power		Continuous Power	
	kWm	BHP	kWm	BHP	kWm	BHP
1500	369	495	336	450	328	440
1800	448	600	392	525	336	450

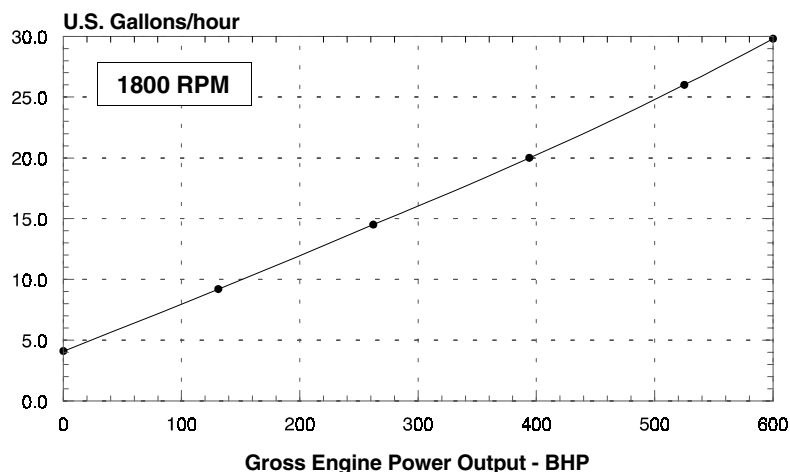
Engine Performance Data @ 1500 RPM

OUTPUT POWER			FUEL CONSUMPTION			
%	kWm	BHP	kg/ kWm·h	lb/ BHP·h	litre/ hour	U.S. Gal/ hour
STANDBY POWER						
100	369	495	0.210	0.344	91	24.0
PRIME POWER						
100	336	450	0.209	0.344	83	21.8
75	252	338	0.215	0.353	64	16.8
50	168	225	0.232	0.382	46	12.1
25	84	112	0.292	0.482	29	7.6
CONTINUOUS POWER						
100	328	440	0.205	0.336	78	20.8



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	448	600	0.214	0.353	113	29.8
PRIME POWER						
100	392	525	0.213	0.352	98	26.0
75	294	394	0.220	0.360	76	20.0
50	195	262	0.240	0.393	55	14.5
25	98	131	0.304	0.499	35	9.2
CONTINUOUS POWER						
100	336	450	0.211	0.347	83	22.0



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.