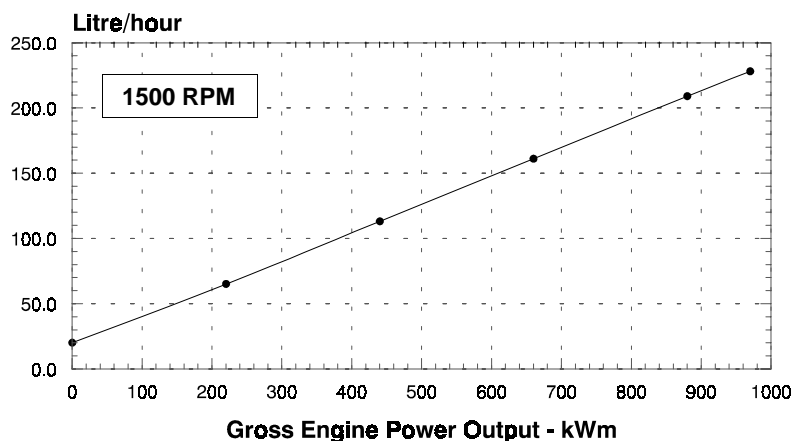
	CHONGQING CUMMINS ENGINE COMPANY Ltd. ENGINE PERFORMANCE CURVE	Basic Engine Model: KTA38-G5	Curve Number: FR-6140	Page No.
		Engine Critical Parts List: CPL: 1543	Date: 03JAN 04	
Displacement : 37.8 litre (2300 in³)		Bore : 159 mm (6.25 in.) Stroke : 159 mm (6.25 in.)		
No. of Cylinders : 12		Aspiration : Turbocharged and Aftercooled		

Engine Speed RPM	Standby Power		Prime Power		Continuous Power	
	kWm	BHP	kWm	BHP	kWm	BHP
1500	970	1300	880	1180	656	880
1800	----	----	----	----	----	----

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	970	1300	0.200	0.329	228	60.3
PRIME POWER						
100	880	1180	0.202	0.332	209	55.1
75	660	885	0.207	0.341	161	42.5
50	440	590	0.218	0.360	113	29.9
25	220	295	0.251	0.416	65	17.3
CONTINUOUS POWER						
100	656	880	0.204	0.336	158	41.7



Engine Performance Data @ 1800 RPM

Not Available at 1800 RPM

Not Available at 1800 RPM

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