

	<b>ChongQing Cummins Engine Company, Inc.</b> <b>Engine Data Sheet</b>			<b>ENGINE SERIES</b>		<b>D19</b>	
						<b>ENGINE MODEL</b>	
	<b>PERFORMANCE CURVE</b>	C-CQ402	<b>CPL NUMBER</b>	Dry manifold N/A	<b>DATA SHEET</b>	<b>KTAA19-G5</b>	
	<b>CONFIGURATION NUMBER</b>	D193091DX02		wet manifold CQ406	<b>DATE</b> 9/28/03	<b>BY</b> LIWEI	

FUEL CONSUMPTION

Engine Performance Data @ 1500 RPM

Gross Engine Power Output-KWm

OUTPUT POWER			FUEL CONSUMPTION	
%	BHP	kWm	U. S. gal. /hr	Li ter/hr
<b>STANDBY POWER</b>				
100	744	555	36	135
<b>PRIME POWER</b>				
100	630	470	30	113
75	473	353	23	91
50	315	235	16	61
25	158	118	8	31
0	0	0		

Engine Performance Data @ 1800 RPM

Gross Engine Power Output-KWm

OUTPUT POWER			FUEL CONSUMPTION	
%	BHP	kWm	U. S. gal. /hr	Li ter/hr
<b>STANDBY POWER</b>				
100	811	605	41.0	155
<b>PRIME POWER</b>				
100	714	533	35.5	134
75	536	400	26.7	101
50	357	267	19.1	72
25	179	133	11.6	44
0	0	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.