

	<b>CUMMINS ENGINE COMPANY, INC</b> Columbus, Indiana 47201	Basic Engine Model: <b>KTA50-G9</b>	Curve Number: <b>FR-6244</b>	Page No.
	<b>EXHAUST EMISSIONS DATA SHEET</b>	Engine Critical Parts List: <b>CPL: 2527</b>	Date: <b>15Feb01</b>	
Displacement : <b>50.3 liter (3067 in<sup>3</sup>)</b>		Bore : <b>159 mm (6.25 in.)</b> Stroke : <b>159 mm (6.25 in.)</b>		
No. of Cylinders : <b>16</b>		Aspiration : <b>Turbocharged and Low Temperature Aftercooled</b>		
Emissions Control Device : <b>Turbocharging, Low Temperature Aftercooling and Step Timing Control (STC)</b>				

Engine Speed RPM	Standby Power		Prime Power		Continuous Power	
	kWm	BHP	kWm	BHP	kWm	BHP
1500	----	----	----	----	----	----
1800	1656	2220	1384	1855	1224	1640

## Exhaust Emissions Data @ 1500 RPM

**Not Available at 1500 RPM  
 For 1500 RPM (see KTA50-G8)**

## US EPA/CARB

This engine, tested in accordance with ISO 8178 D2, is in compliance with the Tier 1 Mobile Off-Highway standard.

Component	g/BHP-hr	g/kW-hr
<b>NO<sub>x</sub> (Oxides of Nitrogen)</b>	6.9	9.2
<b>HC (Hydrocarbons)</b>	1.0	1.3
<b>CO (Carbon Monoxide)</b>	8.5	11.4
<b>PM (Particulate Matter)</b>	0.40	0.54

**CONVERSIONS:** (g/kWm·h = g/BHP·h x 1.34)

**Reference Standard:** ISO-8178

Data was recorded during steady state rated engine speed (± 25 RPM) with full load (± 2%). Pressures, temperatures, and emission rates were stabilized.

**Fuel Specification:** ASTM D975 No. 2-D diesel fuel with 0.2% sulfur content (by weight) and 42-50 cetane number.  
**Fuel Temperature:** 99° F ± 9° (at fuel pump inlet)

Engine operation with excessive air intake or exhaust restriction beyond published maximum limits, or with improper maintenance, may result in elevated emission levels. Specifications May Change Without Notice.