

**EXHAUST EMISSION DATA SHEET**  
**MQ POWER INDUSTRIAL GENERATOR SET**  
**Model: KD175V**



**The engine used in this generator set is certified to comply with  
United States EPA Tier 2 and CARB Mobile Off-Highway emission regulations.**

**ENGINE DATA**

Make/Model:	VOLVO ~ TAD741GE	Bore:	4.21 in. (107 mm)
Type:	4-Cycle, In-Line, 6-Cylinder, Diesel	Stroke:	5.31 in. (135 mm)
Aspiration:	Turbocharged, Charge Air Cooler	Displacement:	445 cid (7.2 liters)
		Compression Ratio:	17.5:1

**PERFORMANCE DATA**

SAE Gross HP @ 1800 RPM (60 Hz)	316
Rated Load Fuel Consumption (gal/Hr)	14.7
Rated Load Exhaust Gas Flow (cfm)	1511
Rated Load Exhaust Gas Temperature (F)	1031

**United States EPA - Mobile Off-Highway Tier 2 Limits - ≥302 BHP - ≤602 BHP**

Criteria Pollutant	Emission Requirements	Certified Engine Emissions
NMHC + NOX (*Combined)	(*4.77) gr/bhp-hr	(*4.40) gr/bhp-hr
CO (Carbon Monoxide)	2.61 gr/bhp-hr	0.97 gr/bhp-hr
PM (Particulate Matter)	0.15 gr/bhp-hr	0.10 gr/bhp-hr

EPA Engine Family: 4VPXL07.3ACB  
EPA Certificate of Conformance: VPX-NR7-04-06  
Effective Date: Year 2004

*Note: Engine operation with excessive air intake or exhaust restriction beyond factory published maximum limits, or with improper service maintenance, may result in higher emission levels.*