



**JOHN DEERE**

JOHN DEERE POWER SYSTEMS  
Waterloo, IA 50704-5100

Engine serial number:

Engine build date:

**Non-Power Tech**

**4239A 117hp (87kW) @ 2500 ENGINE EXHAUST EMISSIONS**

Exhaust emissions levels for this industrial engine at full load rated speed are as follows:

| ENGINE | RPM  | HP  | GRAMS/HR |    |      | EXHAUST FLOW<br>(cubic meters per minute) | EXHAUST TEMP<br>(degrees Celsius) | Fuel consumption<br>at rated HP (pounds per hour) |
|--------|------|-----|----------|----|------|---|-----------------------------------|---|
|        |      |     | CO       | HC | N0x  |   |                                   |   |
| 4239A  | 2500 | 117 | 350      | 50 | 1115 | 19.4                                      | 496                               | 46.3  |

Some of our published data is derived from measured data on similar engines. Data applies to steady state operation of the engine at full load (standby) and rated speed. N0x is measured per SAE J177 and reported as NO2. HC are the total hydrocarbons (methane basis) measured per SAE J215. CO is measured per SAE J177. Particulates are not reported as there was no steady state method defined for laboratory measurement of particulates at the time most of the engines were evaluated.