

Pursuant to the authority vested in the Air Resources Board by Sections 43013, 43018, 43101, 43102, 43104 and 43105 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the following compression-ignition engines and emission control systems produced by the manufacturer are certified as described below for use in off-road equipment under the flexibility program provisions. Production engines shall be in all material respects the same as those for which certification is granted.

| MODEL YEAR | FLEXIBILITY PROGRAM ENGINE FAMILY NAME(s) |
|------------|---|
| 2013 | Please see attachments |

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2423, subpart (d).

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2424 (emission control labels), and 13 CCR Sections 2425 and 2426 (emission control system warranty).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.

Executed at El Monte, California on this 11 day of December 2012.



Annette Hebert, Chief
Mobile Source Operations Division

Flexibility Engines for Caterpillar Equipment (CA)

| Engine Model 130-560 kW | Engine Family | ARB EO |
|------------------------------------|----------------------|---------------|
| C7 | ACPXL07.2ESL | U-R-001-0377 |
| C9 | ACPXL08.8ESX | U-R-001-0373 |
| C9 | ACPXL08.8ESK | U-R-001-0399 |
| C11 | ACPXL11.1ESK | U-R-001-0378 |
| C13 | ACPXL12.5ESX | U-R-001-0395 |
| C13 | ACPXL12.5ESK | U-R-001-0390 |
| C-15 | ACPXL14.6ESK | U-R-001-0374 |
| C15 | ACPXL15.2ESW | U-R-001-0394 |
| C15 | ACPXL15.2ESX | U-R-001-0375 |
| C15 | ACPXL15.2NZV | U-R-001-0408 |
| C18 | ACPXL18.1ESK | U-R-001-0391 |
| C27 | ACPXL27.0ESK | U-R-001-0382 |
| Total | | |

| Engine Model >560 kW | Engine Family | ARB EO |
|------------------------------------|----------------------|---------------|
| C15 | ACPXL15.2ELW | U-R-001-0379 |
| C18 | ACPXL18.1ESW | U-R-001-0380 |
| C27 | ACPXL27.0ESX | U-R-001-0381 |
| C27 | ACPXL27.0ESW | U-R-001-0396 |
| C32 | ACPXL32.0ESP | U-R-001-0383 |
| C32 | ACPXL32.0ESW | U-R-001-0385 |
| C32 | ACPXL32.0ESX | U-R-001-0384 |
| 3412E | 5CPXL27.0HRP | U-R-001-0276 |
| 3508C | ACPXL34.5T2C | U-R-001-0386 |
| 3508C | ACPXL34.5T2E | U-R-001-0388 |
| 3512B | 5CPXL58.6ERK | U-R-001-0266 |
| 3512C | ACPXL58.6T2E | U-R-001-0404 |
| 3512C | ACPXL58.6T2X | U-R-001-0397 |
| 3512C | ACPXL58.6T2Y | U-R-001-0402 |
| 3512C | ACPXL58.6T2Z | U-R-001-0421 |
| 3516B | 5CPXL78.1ERK | U-R-001-0267 |
| 3516C | ACPXL78.1E2W | U-R-001-0403 |
| 3516C | ACPXL78.1T2E | U-R-001-0398 |
| 3516C | ACPXL78.1T2X | U-R-001-0401 |
| 3516C | ACPXL78.1T2Y | U-R-001-0389 |
| C175 | ACPXL106T2E | U-R-001-0387 |
| C175 | ACPXL106.T2M | U-R-001-0376 |

ATTACHMENT 4 of 4

ACPXL18.1ESK / U-R-001-0391

ACPXL18.1ESK / U-R-001-0391

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ACPXL18.1ESK / U-R-001-0391

ACPXL106.T2E / U-R-001-0387

ACPXL106.T2E / U-R-001-0387

ACPXL106.T2E / U-R-001-0387

ACPXL106.T2E / U-R-001-0387

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