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#### State of California AIR RESOURCES BOARD

## EXECUTIVE ORDER A-13-74

### Relating to Certification of New Heavy-Duty Motor Vehicle Engines

## CATERPILLAR, INC.

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102 and 43103 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-45-3;

IT IS ORDERED AND RESOLVED: That the following Caterpillar, Inc. 1994 model diesel engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 8,500 pounds:

Fuel Type: Diesel

Engine Family	<u>Liters</u>	(Cubic Inches)	Exhaust Emission Control Systems and Special Features
RCP403DZDABA	6.6	(403)	Turbocharger Charge Air Cooler Oxidation Catalytic Converter Smoke Puff Limiter

Engine models and codes are listed on attachments.

The following are the certification emission standards for this engine family in grams per brake horsepower-hour:

<u>Hydrocarbons</u>	Carbon <u>Monoxide</u>	Nitrogen <u>Oxides</u>	<u>Particulates</u>
1.3	15.5	5.0	0.10

The following are the certification emission values for this engine family in grams per brake horsepower-hour:

Engine <u>Family</u>	<u>Hydrocarbons</u>	Carbon Monoxide	Nitrogen <u>Oxides</u>	<u>Particulates</u>
RCP403DZDABA	0.1	0.7	4.5	0.09

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

CATERPILLAR, INC.

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

The Bureau of Automotive Repair will be notified by copy of this order and attachments.

Executed at El Monte, California this  $\underline{\mathcal{R}}$  day of October, 1993.

R. B. Summerfield Assistant Division Chief Mobile Source Division

E.O. # <u>A-13-74</u>

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# 1994 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

## **HEAVY-DUTY DIESEL ENGINES**

Manufacturer	Caterpillar Inc.	Engine Family	RCP403DZDABA		
Liter (CID)	6.6 (403)	Fuel Type	#2 DIESEL	Engine Config.	16
Exhaust ECS &	Special Features (EC	М/РСМ, РТОХ, І	FI, etc,) SPL,	TC, OC, CAC	

(Use abbreviations per SAE J1930 MAY 91)

Engine Model (Eng. Code)	Rated HP @ RPM	Fuel Rate @ Rated HP mm <sup>3</sup> /stroke (lbs/hr)	Fuel Pump & Injector P/N	ECM/PCM P/N	Part. Catalyst P/N
A	230 @ 2600	102 (88.8)	1074091	NA	(1)
В	250 @ 2600	109 (95.6)	1074091	NA	(1)
С	275 @ 2450	125 (103.3)	1074091	NA	(1)
D	300 @ 2600	131 (114.9)	1074091	NA	(1)

(1) CATALYST PART NOs:

1030632	1044819	REVISION NO: 1	22 NOV 93
1030633	1044821	2	14 JAN 94
1030634	1044823	3	24 MAY 94
1036060	1066503	4	01 JUN 94
1006968	1173161	5	09 NOV 94
1230221	1173162		
	1173265		