State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-13-12
Relating to Certification of New Motor Vehicle Engines

CATERPILLAR TRACTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by Sections 43100 and 43102 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 Caterpillar Tractor Company 1976 model-year diesel-powered engines in heavy-duty vehicles are certified for the engine family described below:

Engine Family	Engine Size CID	Engine Model	Type
14	638	3306	Inline 6-Turbo-charger-Aftercooler

Section 43200, Part I, Division 26 of the California Health and Safety Code requires that the manufacturer affix a decal to the side window to the rear of the driver or, if there is no such window on the driver's side, to the windshield of the motor vehicle.

The following are the recommended values to be listed on the decal:

Engine Family	Hydrocarbon plus Nitrogen Dioxide grams/brake horsepower-hour	Carbon Monoxide grams/brake horsepower-hour
14	5	2

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

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 26 day of May, 1976.

G. C. Hass

G. C. Hass, Chief
Division of Vehicle Emissions Control

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1976 MODEL YEAR
HEAVY-DUTY DIESEL ENGINES

MANUFACTURER: CATERPILLAR TRACTOR COMPANY

EXECUTIVE ORDER NO. A-13-12

Engine Family	Engine Models	Engine CID	Method of Aspiration *	Fuel Pump Mfgr. Part No.	Injectors Mfgr. Part No.	Tune-Up Specification Max Rated H.P. and RPM	Tune-Up Specification Initial Injection Timing	Tune-Up Specification Fuel Rate	Remarks (Emission System)
14	3306	638	T.C.A.	9N2885	9N2845	270 @ 2200	8.5°BTDC static	148(1) 110 (2)	Air Fuel Ratio Control (Smoke Control)
				9N2886	9N2845	245 @ 2200	8.5°BTDC static	134(1) 100(2)	Air Fuel Ratio Control (Smoke Control)

Abbreviations:

*N.A. - Natural Aspiration
T.C. - Turbocharged.
T.C.A.- Turbocharged and After-cooled.

Fuel Rate at Maximum Horsepower
(1) mm^3/stroke
(2) lbs/hour