

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-13-10  
Relating to Approval of New Motor Vehicles

CATERPILLAR TRACTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by Sections 39150 and 39151 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Section 39023 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That Caterpillar Tractor Company 1975 model-year diesel powered engines in heavy-duty motor vehicles are approved for the engine family described below:

<u>Engine Family</u>	<u>Engine Size (CID)</u>	<u>Engine Model</u>	<u>Type</u>
15	1099	3408	V-8 Turbocharged-Direct Injection

Section 39152, 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:

<u>Engine Family</u>	<u>Hydrocarbon plus Nitrogen Dioxide grams/brake horsepower-hour</u>	<u>Carbon Monoxide grams/brake horsepower-hour</u>
15	9	3

Vehicles approved 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 17 day of July, 1975.

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

AIR RESOURCES BOARD  
 SUPPLEMENTAL INFORMATION  
 1975 MODEL YEAR  
 HEAVY-DUTY DIESEL ENGINES

MANUFACTURER: Caterpillar Tractor Company EXECUTIVE ORDER NO. A-13-10 PAGE NO. 1

Engine Family	Engine Models	Engine CID	Method of Aspiration *	Fuel Pump Mfgr. Part No.	Injectors Mfgr. Part No.	Tune-up Specification			Remarks (Emission System)
						Max. H.P. and RPM	Initial Injection Timing	Fuel Rate	
15	3408	1099	T.C.	CTCo.** 9L6534	CTCo.** 9L6884	400 HP @ 2100 RPM	28° BTDC Static	164 <sup>l</sup>	Air Fuel Ratio Control Direct Injection
						360 HP @ 2100 RPM	28° BTDC Static	150 <sup>l</sup>	Air Fuel Ratio Control Direct Injection
						375 HP @ 1950 RPM	28°-BTDC Static	160 <sup>l</sup>	Air Fuel Ratio Control Direct Injection

Abbreviations:

- \*N.A. - Natural Aspiration.
  - T.C. - Turbocarged.
  - T.C.A. - Turbocarged and Aftercooled.
  - \*\* Caterpillar Tractor Company
- Fuel Rate at Maximum Horsepower  
 1 mm<sup>3</sup>/pump stroke