

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.

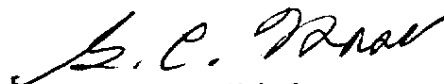
The following are the recommended values to be listed on the decal:

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