

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-13-9
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-45-1;

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>
12	1099	3408	V-8 Turbocharged-Aftercooled

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.

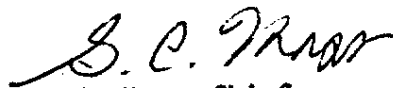
The following are the recommended values to be listed on the decal:

<u>Engine Family</u>	<u>Hydrocarbon plus Nitrogen Dioxide grams/brake horsepower-hour</u>	<u>Carbon Monoxide grams/brake horsepower-hour</u>
12	6	2

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 23 day of April, 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-13-9			PAGE NO. 1			
Engine Family	Engine Models	Engine CID	Method of Aspiration *	Tune-up Specification		Remarks (Emission System)		
				Fuel Pump Mfgr. Part No.	Injectors Mfgr. Part No.		H.P. and RPM	Initial Injection Timing
12	3408	1099	T.C.A.	CT Co.** 9L6540	CT Co.** 4N1251	450 HP @ 2100RPM	11° BTDC Static	191 ¹ /181 ²
						425 HP @ 2100 RPM	11° BTDC Static	179 ¹ /170 ²
						400 HP @ 2100 RPM	11° BTDC Static	169 ¹ /160.5 ²
						425 HP @ 1950 RPM	11° BTDC Static	191 ¹ /168 ²
						400 HP @ 1950 RPM	11° BTDC Static	179 ¹ /157.5 ²

Abbreviations:

- *N.A. - Natural Aspiration.
- T.C. - Turbocarged.
- T.C.A. - Turbocarged and Aftercooled.

**Caterpillar Tractor Company

Fuel Rate

- 1 mm³/pump stroke
- 2 lbs/Hour