State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-13-7
Relating to Approval of New Motor Vehicles

CATERPILLAR TRACTOR CO.

Pursuant to the authority vested in the Air Resources Board by Section 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 Co. 1975 model year diesel-powered engines in heavy-duty motor vehicles are approved for the engine families described below:

Engine Family	Engine Size CID	Engine Model	Type
5	638	1674	In-Line 6
6	893	1693T	In-Line 6
8	893	3406	In-Line 6
9	893	3406	In-Line 6
10	893	3406	In-Line 6

Section 39152, Part 1, 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
5	5	2
6	5	1
8	10	3
9	6	1
10	6	1

Vehicles approved under this Executive Order must conform to all applicable California emission regulations.

CATERPILLAR TRACTOR CO. EXECUTIVE ORDER A-13-7

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 2 day of December, 1974.

G. C. Hass

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

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

MANUFACTURER: CATERPILLAR TRACTOR CO. EXECUTIVE ORDER NO. A- 13-7

Engine Family	Engine Models	Engine CID	Method of Aspiration *	Fuel Pump	Injectors	Tune-up Specification			REMARKS
				Mfgr. Part No.	Mfgr. Part No.	H.P. and RPM	Initial Injection Timing	Fuel Rate (1)	
5	1674	638	TCA	CTCo./ 9S3901	CTCo./ 7S5105	270@2200 255@2200	6° 6°	146 134	Pre-Chamber
6	1693	893	TC	CTCo./ 8S5174	CTCo./ 7S1059	325@2100	8°	189	Pre-Chamber
8	3406	893	TC	CTCo./ 9N49 9N798	CTCo./ 9L6884	280@2100 255@2100 255@1900 280@2100 255@2100 255@1950	29° 29° 29° 28° 28° 28°	152 138 146 151 138 144	Direct Injection
9	3406	893	TC	CTCo./ 9N588	CTCo./ 4N1251	325@2100 300@2100 280@2100 255@2100 300@1950 255@1950	10° 10° 10° 10° 10° 10°	190 175 160 147 184 157	Pre-Chamber
10	3406	893	TCA	CTCo./ 9N72	CTCo./ 4N1251	375@2100 360@2100 340@2100	10° 10° 10°	211 197 192	Pre-Chamber

Abbreviations:

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

(1) mm^3 / pump stroke