

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-108-4  
Relating to Certification of New Motor Vehicle Engines

DEERE & COMPANY

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 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 the following Deere & Company 1979 model-year diesel engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating greater than 8500 pounds:

<u>Engine Family</u>	<u>Displacement Cubic Inches</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
300 Series	359	(Turbocharged)

Engine Models and Codes as listed on attachments.

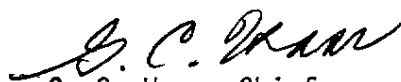
Section 43200, Part 5, Division 26 of the California Health and Safety Code requires that the engine manufacturer furnish a decal with each engine sold or delivered to a vehicle manufacturer. The decal shall display the applicable model year heavy-duty engine exhaust emission standards and the following certification emission values:

<u>Engine Family</u>	<u>Hydrocarbons gm/bhp-hr</u>	<u>Carbon Monoxide gm/bhp-hr</u>	<u>Nitrogen Oxides gm/bhp-hr</u>
300 Series	0.6	4	6.5

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

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

Executed at El Monte, California this 8 day of December, 1978.



G. C. Hass, Chief  
Vehicle Emissions Control Division

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
HEAVY-DUTY DIESEL ENGINES

Manufacturer Deere & Company Page 1  
 Engine Family 300 Series Engine (CID) 359  
 Emission Control Systems - Type TC - Inline 6

Engine Model	Fuel Injection Pump Mfgr. Part Number	Injector Mfg. Part Number	Maximum Rated HP and RPM	Fuel Rate at Maximum HP mm <sup>3</sup> /stroke	Basic Initial Timing
6359TF	Stanadyne AR 89482	Stanadyne AR 89564 or 61X 18854B	134 HP @ 2200 rpm	74.5 mm/ stroke 53.0 16/hr	TDC (static)
FOR STREET SWEEPERS ONLY					

Date of Issue - 12-4-78

Abbreviations

Type

NA - Natural Aspiration  
 TC - Turbocharged  
 TCA - Turbocharged and Aftercooled

Emission Control Systems

AC - Aftercooler  
 EGR - Exhaust Gas Recirculation  
 TD - Throttle Delay