State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-27-47
Relating to Certification of New Motor Vehicle Engines

MACK TRUCKS, INC.

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 Mack Trucks, Inc. 1985 model-year diesel engines have shown compliance with the optional transient standards and are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating greater than 8500 pounds:

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
10	998	(16.4)	(Acceleration Smoke Puff Limiter) (Intercooler) (Turbocharger)

Engine models and codes are listed on attachments.

The following are the certification emission values for this engine family:

Engine Family	Hydrocarbons gm/bhp-hr	Nitrogen Oxides gm/bhp-hr
10	0.6	4.7

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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

The Bureau of Automotive Repair will be notified by copy of this order.

Executed at El Monte, California this 22nd day of December, 1984.

Bob Grosser for

K. D. Drachand, Chief
Mobile Source Division

E.O. # A-27-47

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL ENGINES

Manufacturer MACK TRUCKS, INC. Page 1.

Engine Family 10 CID(Liter)-Type 998 V-8

ECS and (Special Features) Turbocharged and Chassis Charge Air Cooled (Smoke Puff Limiter)

Engine Model	Fuel Injection Pump Mfr. Part Number	Injector Mfr. Part Number	Maximum Rated HP and RPM	Fuel Rate at Maximum HP mm^3/stroke	Label Ident.
EC9-400	UTDS 313GCA5159-P14	UTDS 114GC39-P10 or 114GC39-P15	400 @ 1700	197.0	10

Date of Issue -

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