



California Environmental Protection Agency

AIR RESOURCES BOARD

LIEBHERR CRANES, INC.

EXECUTIVE ORDER N-2006-100-01
New On-Road Heavy-Duty Motor Vehicles
Equipped With Exempt Engines

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code (HSC) Division 26, Part 5, Chapter 2;

Pursuant to the authority vested in the undersigned by HSC Sections 39515 and 39516 and Executive Order G-02-003; and

Pursuant to the authority vested in the Executive Officer by Title 13, California Code of Regulations, (13 CCR) Section 1956.8(f)(1);

WHEREAS the engine required to propel the listed vehicle(s) is not available for sale in California for on-road use in the specified power rating;

IT IS ORDERED AND RESOLVED: That the motor vehicle(s) produced by the manufacturer with a gross vehicle weight rating (GVWR) over 14,000 pounds is/are authorized to use the engine described below.

ENGINE MANUFACTURER		LIEBHERR MACHINES BULLE SA					* = not applicable	
ENGINE MODEL YEAR	ENGINE EXECUTIVE ORDER	ENGINE FAMILY NAME (or MODEL)	ENGINE'S INTENDED SERVICE CLASS	ENGINE SIZE (liter)	ENGINE FUEL TYPE	ENGINE RATED POWER (horsepower)	ENGINE'S EXHAUST EMISSION CONTROL SYSTEMS & SPECIAL FEATURES	
2005	U-R-018-0058	5LHAL17.2AUA	Off-Road	17.2	Diesel	536	Turbocharger Charge Air Cooler Direct Diesel Injection Engine Control Module	

BE IT FURTHER RESOLVED: That this Executive Order is limited to the vehicles listed below:

NUMBER OF VEHICLES	VEHICLE TYPE	VEHICLE MAKE & MODEL	VEHICLE SERIAL NUMBER	ENGINE MODEL	ENGINE SERIAL NUMBER	EQUIPMENT SERIAL NUMBER
1	Mobile Crane (All Terrain Crane)	LIEBHERR LTM 1220-5.1 (536 hp)	W095757006EL05112	D9408 TI-E/A5	2006 12 0003AT	070308

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

Executed at El Monte, California on this 24 day of July 2006.

Annette Hebert, Chief
Mobile Source Operations Division

LIEBHERR-WERK EHINGEN GmbH

Engine information for upper and lower engines for

Crane Model: LTM 1220-5.1 Crane SN 070308

Chassis-No: W095757006EL05112

Comments _____

Engine Serial Number
Lower 2006 12 0003 AT

Engine Model
Lower D9408 TI-E A5

Engine kW
Lower 400

Engine Family name
Lower 5LHAL17.2AUA

Engine year
Lower ~~2006~~ 2005

Engine Serial Number
upper 2005 01 5158

Engine Model
upper D924 TI-E A4

Engine kW
upper 180

Engine Family name
upper 5LHAL9.96ATA

Engine year
upper 2005

Liebherr Cranes, Inc.



Ingo Schiller
V.P. Sales