

 <b>AIR RESOURCES BOARD</b>	<b>LIEBHERR CRANES, INC.</b>	<b>EXECUTIVE ORDER N-2007-100-04</b> 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	
2007	U-R-018-0081	7LHAL24.2VCE	Off-Road	24.2	Diesel	603	Turbocharger Charge Air Cooler Direct Diesel Injection Engine Control Module Exhaust Gas Recirculation Smoke Puff Limiter	

**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 1400-7.1 (603 hp)	W097770007EL05082	D9508A7	2007 14 0249	072081

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

Executed at El Monte, California on this 19<sup>th</sup> day of October 2007.

  
 Annette Hebert, Chief  
 Mobile Source Operations Division

# Liebherr – Werk – Ehingen GmbH

Engine information for upper and lower engines for

Crane Model : LTM 1400-7.1 Crane SN 072081

Chassis-No. : W097770007EL05082

Comments \_\_\_\_\_  
\_\_\_\_\_

Engine Serial Number  
lower 2007 14 0249  
Engine Model  
lower D 9508 A7  
Engine kW  
lower 450  
Engine Family name  
lower 7LHAL24.2VCE  
Engine year  
lower 2007

Engine Serial Number  
upper 2007 04 2983  
Engine Model  
upper D 936 L A6  
Engine kW  
upper 240  
Engine Family name  
upper 7LHAL10.5LPA  
Engine year  
upper 2007

## Liebherr – Werk – Ehingen GmbH

Quality Assurance Department

i.A. Flögl

Name and signature of crane manufacturer or representative or service engineer of crane  
Manufacturer inspecting the crane.



Date : Ehingen, 2007-08-20

757-928-2517 fax  
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Processed By: [Signature]  
10-16-07

Reviewed By: \_\_\_\_\_