

	<b>MANITOWOC CRANES, NORTH AMERICA</b>	<b>EXECUTIVE ORDER N-2021-100-18</b> New On-Road Heavy-Duty Motor Vehicles Equipped With Exempt Engines
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Pursuant to the authority vested in the California 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-19-095; 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;

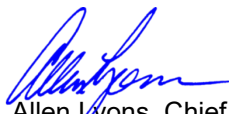
**IT IS ORDERED AND RESOLVED:** That the motor vehicle produced by the manufacturer with a gross vehicle weight rating (GVWR) over 14,000 pounds is authorized to use the engine described below.

ENGINE MANUFACTURER		DAIMLER AG					* = 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
2021	U-R-016-0148	MMBXL12.8RJD	Off-Road	12.8	Diesel	523	Electronic Direct Injection, Turbocharger, Charge Air Cooler, Engine Control Module, Diesel Oxidation Catalyst, Exhaust Gas Recirculation, Selective Catalytic Reduction – Urea, Ammonia Oxidation Catalyst, Periodic Trap Oxidizer

**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)	GROVE GMK5250XL (523 hp)	W09250592MWG12552	OM471LA.E5-1	471.945-C-0672488	5250 9552

Executed on this 18th day of December 2021.



Allen Lyons, Chief  
Emissions Certification and Compliance Division