

# MX-13

## CARB 2024

### **CARB LOW NO<sub>x</sub> COMPLIANT**

Confidently operate in regions requiring CARB Omnibus regulation.

### **YOU FOCUS ON YOUR BUSINESS**

PACCAR will focus on keeping you moving forward, unimpeded and without the slowdown of a major transportation transition.

### **OVER THE ROAD & ON THE JOB SITE**

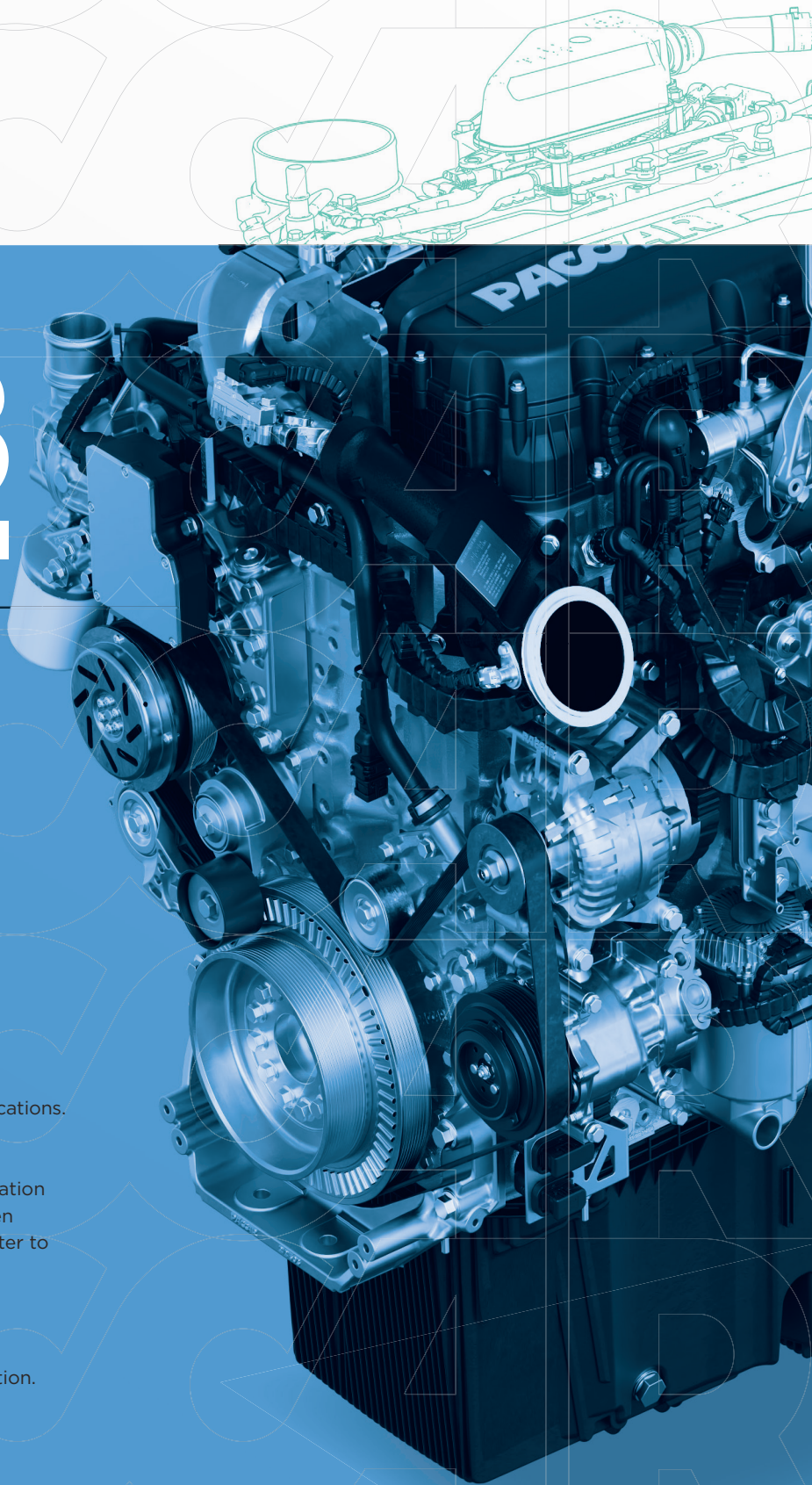
The 2024 CARB MX-13 is ready to work. Suitable for transmission-mounted, splitshaft or REPTO PTO applications.

### **ROAD TO THE FUTURE**

Combining proven diesel powertrain with next-generation technology. The CARB MX-13 utilizes a flywheel-driven 48-volt generator to power the aftertreatment E-heater to provide lower NO<sub>x</sub> output.

### **OPTIMIZED COMBUSTION PROCESS**

Increased engine efficiency and fuel economy while continuing to meet stringent CARB emissions regulation.



**RATINGS**

**PEAK HORSEPOWER**

510

455

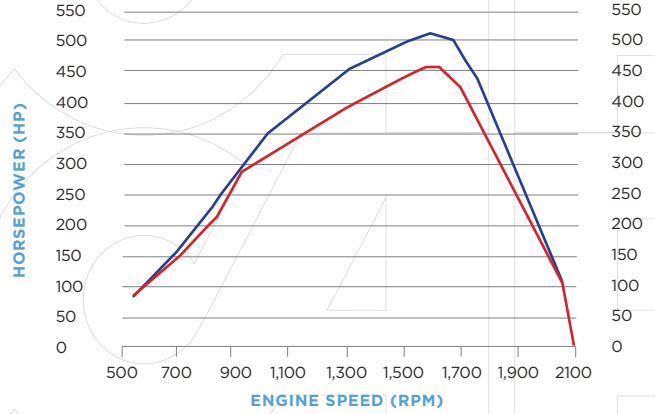
**PEAK TORQUE (LB.-FT. @ RPM)**

1,850 @ 1,000

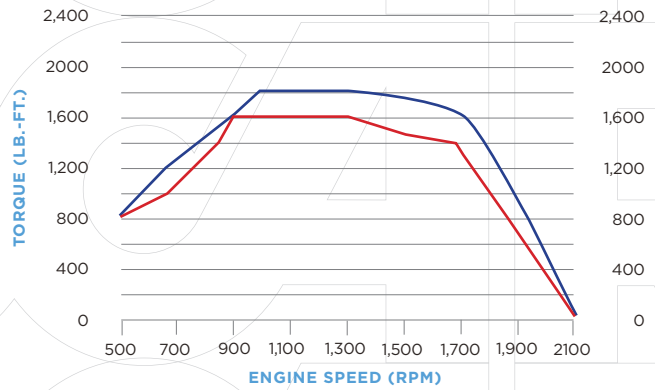
1,650 @ 900



**HORSEPOWER**



**TORQUE**



**48V GENERATOR**

**SPECIFICATIONS**

**CONFIGURATION**

Inline 6-cylinder

**BORE X STROKE (MM)**

130x162

**DISPLACEMENT**

12.9 L.

**DRY WEIGHT**

3,100 LBS.

**AFTERTREATMENT WEIGHT**

412 LBS

**OIL SYSTEM CAPACITY**

42 U.S. QTS.

**HORSEPOWER**

455-510 HP

**PEAK TORQUE**

1,650-1,850 LB.-FT.

**MAXIMUM GVWR**

140,000 LBS

**GOVERNED SPEED**

2,200 RPM

**BASE WARRANTY<sup>1</sup>**

2 YRS./250K MI./400K KM.

**MAJOR COMPONENTS WARRANTY**

5 YRS./500K MI./800K KM.

**COMPLIANCE**

CARB 2024 | EPA 2024

<sup>1</sup>Extended protection plans available

**NOTE: CARB 24 MX-13 engine, aftertreatment and supporting components represents an increase of 1,100 lbs compared to the EPA 24**

**MAINTENANCE INTERVALS**

**MAINTENANCE ITEM<sup>2</sup>**

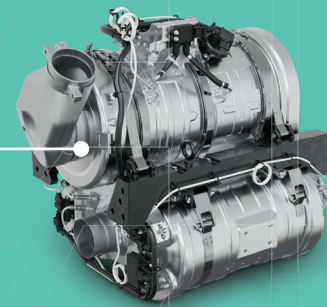
**MI.**

**KM.**

MAINTENANCE ITEM <sup>2</sup>		MI.	KM.
Fuel Filter	Normal/Line Haul < 20% Idle Time	75,000	120,000
	Normal/Line Haul > 20% Idle Time	50,000	80,000
	Severe/Vocational Duty	30,000	48,000
Oil and Filter	Normal/Line Haul < 20% Idle Time	75,000	120,000
	Normal/Line Haul > 20% Idle Time	50,000	80,000
	Severe/Vocational Duty	30,000	48,000
Coolant Filter		300,000	480,000
DEF Filter		300,000	480,000

<sup>2</sup>Reference MX Engine Operators Manual for engine maintenance requirements

**AFTERTREATMENT SYSTEM**



**IMPROVED NO<sub>x</sub> SENSOR DURABILITY**

- ALL ENGINE CONDITIONS COMPLIANCE
- COMPACT DESIGN
- 48V AFTERTREATMENT E-HEATER
- 48V AFT6E

