

PACCAR ENGINES

MX-13

CARB 2024

CARB LOW NO_x 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

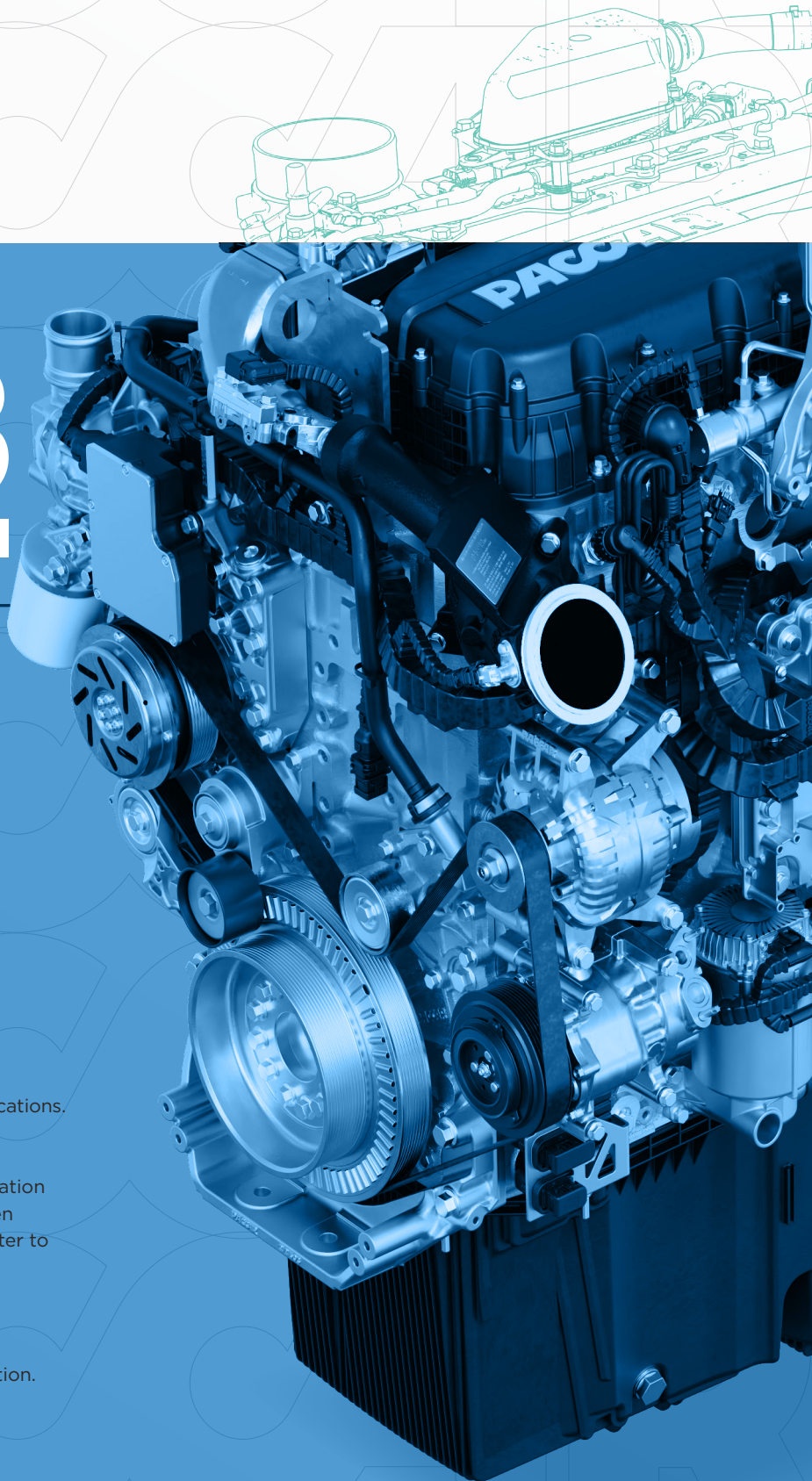
The 2024 CARB MX-13 is ready to work. Suitable for transmission-mounted, splitshaft or REPTO PTO applications.

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_x output.

OPTIMIZED COMBUSTION PROCESS

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



RATINGS

PEAK HORSEPOWER

510

455

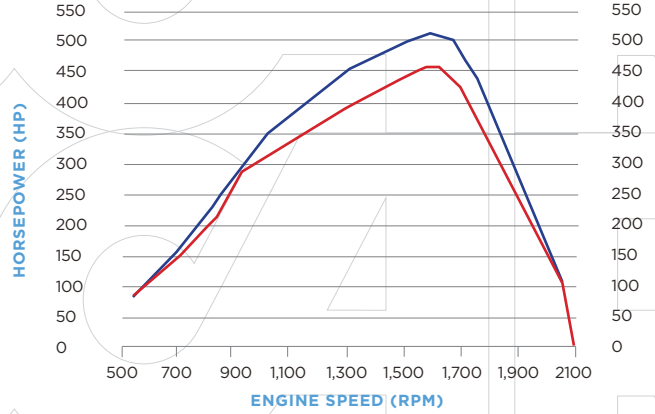
PEAK TORQUE (LB.-FT. @ RPM)

1,850 @ 1,000

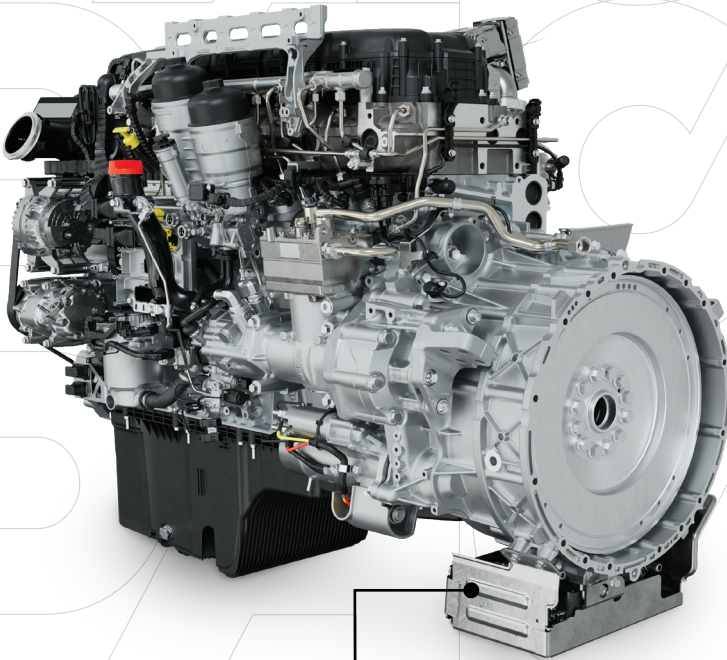
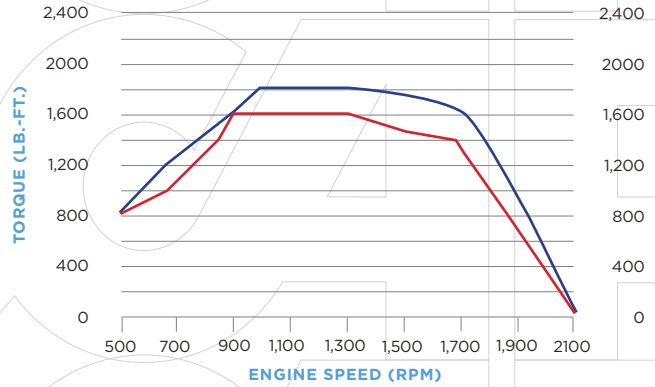
1,650 @ 900



HORSEPOWER



TORQUE



48V AFTERTREATMENT E-HEATER

SPECIFICATIONS

| | | | |
|------------------------------|-------------------|----------------------------------|--------------------------|
| CONFIGURATION | Inline 6-cylinder | PEAK TORQUE | 1,650-1,850 LB.-FT. |
| BORE X STROKE (MM) | 130x162 | MAXIMUM GVWR | 140,000 LBS |
| DISPLACEMENT | 12.9 L. | GOVERNED SPEED | 2,200 RPM |
| DRY WEIGHT | 2,750 LBS. | BASE WARRANTY¹ | 2 YRS./250K MI./400K KM. |
| AFTERTREATMENT WEIGHT | 412 LBS | MAJOR COMPONENTS WARRANTY | 5 YRS./500K MI./800K KM. |
| OIL SYSTEM CAPACITY | 42 U.S. QTS. | COMPLIANCE | CARB 2024 EPA 2024 |
| HORSEPOWER | 455-510 HP | | |

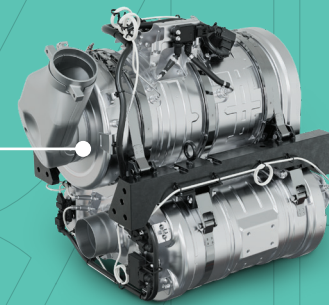
¹Extended protection plans available

MAINTENANCE INTERVALS

| MAINTENANCE ITEM ² | | 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 |

²Reference MX Engine Operators Manual for engine maintenance requirements

AFTERTREATMENT SYSTEM



IMPROVED NO_x SENSOR DURABILITY
ALL ENGINE CONDITIONS COMPLIANCE
COMPACT DESIGN

