

A detailed view of a PACCAR MX-13 engine, showing its complex internal components, including the cylinder head, pistons, and various belts and pulleys. The engine is rendered in a blue-tinted, semi-transparent style, highlighting its mechanical complexity. The background features a large, faint 'MX-13' watermark.

**PACCAR** ENGINES

# MX-13

## EPA 2021

### **UPTIME**

MX-13 engines are built for durability, with a B10 design life of over one million miles. Every MX-13 comes standard with remote diagnostics to deliver focused uptime support.

### **EXCELLENT FUEL ECONOMY**

Fuel savings is one reason the PACCAR MX-13 continues to gain popularity in the heavy-duty market.

### **LOW COST OF SERVICE**

With up to a 75,000-mile oil change interval, MX engines will save your business money due to the low cost of routine maintenance over the life of the engine.

### **WEIGHT SAVINGS**

Less engine weight means hauling more payload with every trip. The PACCAR MX-13 engine provides truck owners up to a 450 LB. weight savings over 15 L. engines.

### **SUPERIOR PERFORMANCE & QUIET OPERATION**

An MX engine has broad torque curves, so it requires less shifting, and the quiet operation improves the driving experience.

# RATINGS

## PEAK HORSEPOWER

510  
485  
455MT  
455MT  
455  
430  
405MT

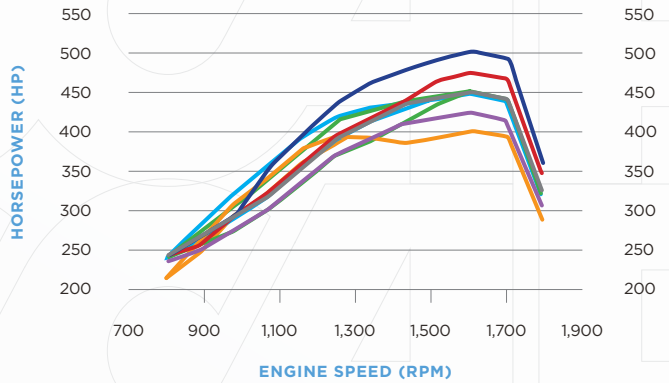
## PEAK TORQUE (LB.-FT. @ RPM)

1,850 @ 1,000  
1,650 @ 900  
1,650/1,850 @ 900<sup>1</sup>  
1,550/1,750 @ 900<sup>1</sup>  
1,650 @ 900  
1,550 @ 900  
1,650/1,750 @ 900<sup>1</sup>

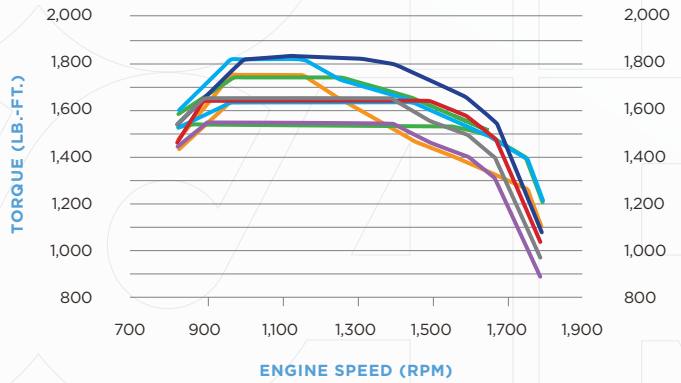


<sup>1</sup>Multi-torque rating

## HORSEPOWER



## TORQUE



# SPECIFICATIONS

## CONFIGURATION

Inline 6-cylinder

## BORE X STROKE (MM)

130x162

## DISPLACEMENT

12.9 L.

## DRY WEIGHT

2,500 LBS.

## OIL SYSTEM CAPACITY

42 U.S. QTS.

## HORSEPOWER

405-510 HP

## PEAK TORQUE

1,550-1,850 LB.-FT.

## GOVERNED SPEED

2,200 RPM

## B10 DESIGN LIFE

1 MIL. MI./1.6 MIL. KM.

## BASE WARRANTY<sup>2</sup>

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

## MAJOR COMPONENTS WARRANTY

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

## CERTIFICATION

EPA 2021

<sup>2</sup>Extended protection plans available

# MAINTENANCE INTERVALS

## MAINTENANCE ITEM<sup>3</sup>

## MI.

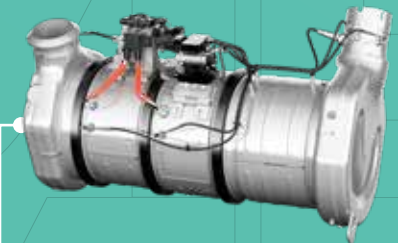
## KM.

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
DPF Service <sup>4</sup>		600,000	960,000

<sup>3</sup>Reference MX Engine Operators Manual for engine maintenance requirements

<sup>4</sup>Wet cleaning interval

## AFTERTREATMENT SYSTEM



## COMPACT DESIGN

## SIMPLIFIED PACKAGING

## LIGHT WEIGHT

