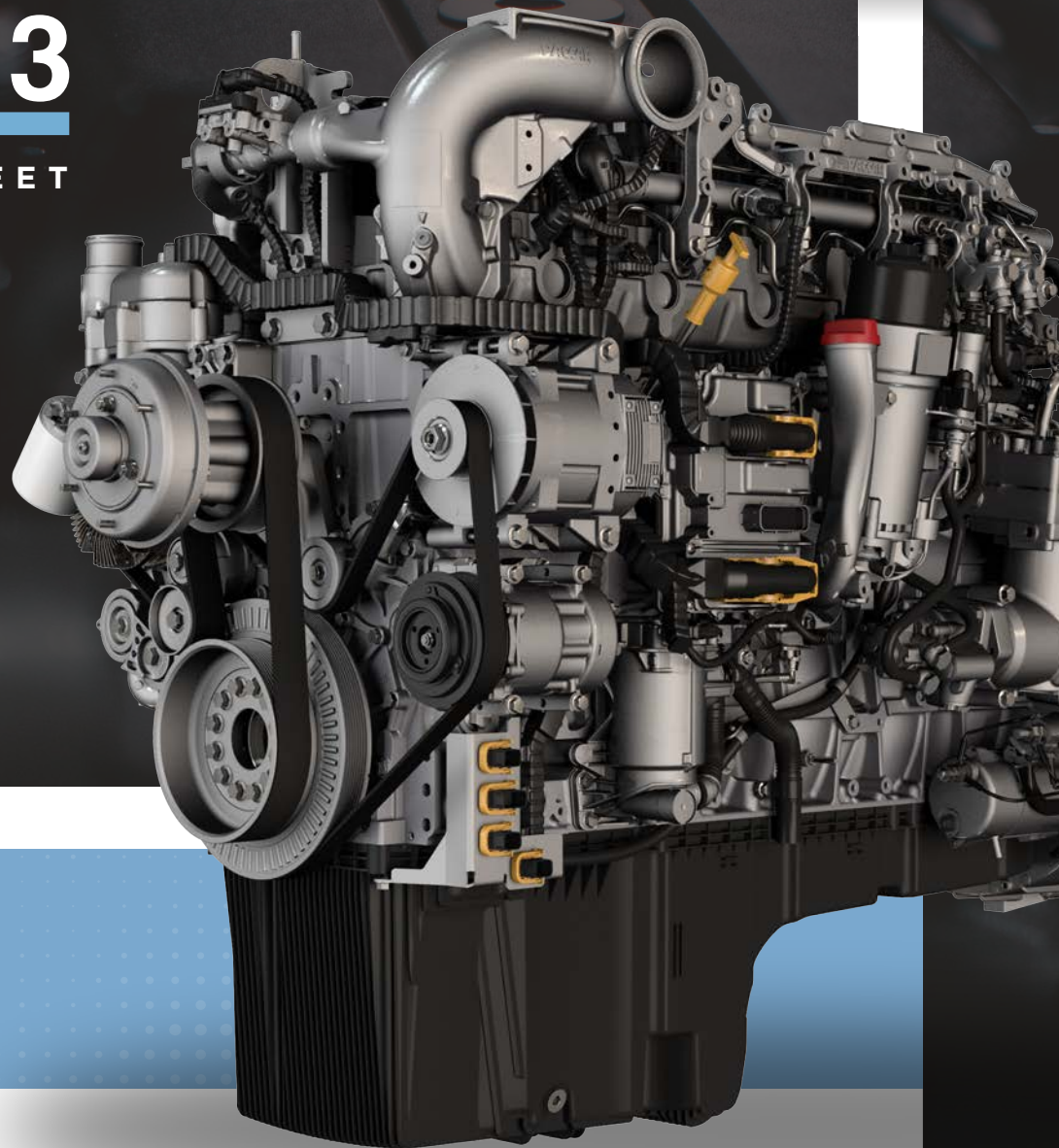


# MX-13

## SPEC SHEET

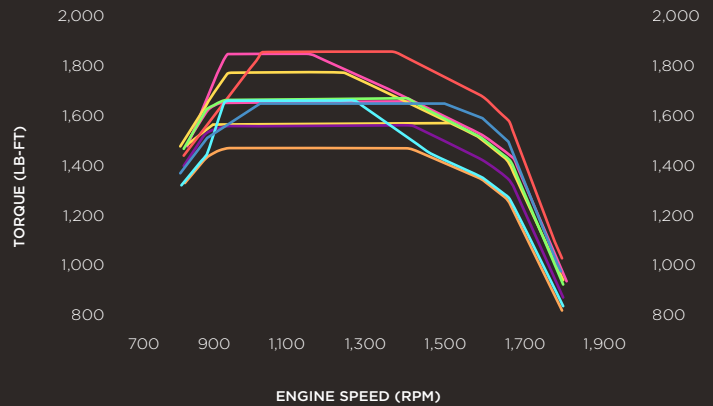
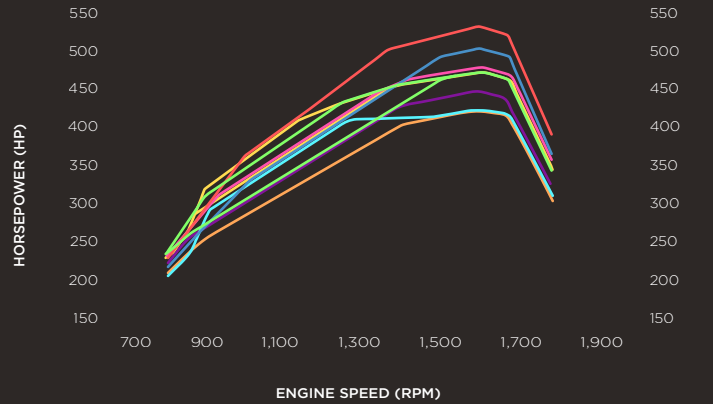


- **UPTIME:** MX-13 engines are built for durability with a B10 rating of over one million miles. Every MX-13 engine also comes standard with remote diagnostics to deliver focused uptime support.
- **EXCELLENT FUEL ECONOMY:** Fuel savings is one reason the PACCAR MX-13 continues to gain popularity in the heavy duty market.
- **LOW COST OF SERVICE:** With a 75,000 mile oil change interval, MX engines will save your business money with a 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 400 lb weight savings compared to a 15L engine.
- **SUPERIOR PERFORMANCE & QUIET OPERATION:** An MX engine's broad torque curves require less shifting, and the quiet operation improves the driving experience.

## RATINGS

PEAK HORSEPOWER	PEAK TORQUE (LB-FT @ RPM)	
510	1,850 @ 1,000	●
485	1,650 @ 1,000	●
455MT	1,650/1,850 @ 900 <sup>1</sup>	●
455MT	1,550/1,750 @ 900 <sup>1</sup>	●
455	1,650 @ 900	●
430	1,550 @ 900	●
405	1,650 @ 900	●
405	1,450 @ 900	●

<sup>1</sup>Multi Torque Rating



## SPECIFICATIONS

<b>CONFIGURATION</b>	Inline 6-Cylinder	<b>PEAK TORQUE</b>	1,450-1,850 LB.-FT.
<b>BORE X STROKE (MM)</b>	130x162	<b>GOVERNED SPEED</b>	2,200 RPM
<b>DISPLACEMENT</b>	12.9 Liters	<b>CLUTCH ENGAGEMENT TORQUE<sup>2</sup></b>	937 LB.-FT. @ 800 RPM
<b>DRY WEIGHT</b>	2,600 LBS.	<b>B10 DESIGN LIFE</b>	1M MILES/1.6M KM
<b>OIL SYSTEM CAPACITY</b>	42 U.S. Quarts	<b>BASE WARRANTY<sup>3</sup></b>	2 Yrs/250K Miles/400K KM
<b>HORSEPOWER</b>	405-510 HP		

<sup>2</sup> Determined By Engine Horsepower and Idle Setting  
<sup>3</sup> Extended Protection Plans Available

## MAINTENANCE INTERVALS

MAINTENANCE ITEM		MILES	KILOMETERS
<b>FUEL FILTER</b>	• NORMAL/LINE HAUL < 20% IDLE TIME	<b>75,000</b>	<b>120,000</b>
	• NORMAL/LINE HAUL > 20% IDLE TIME	<b>50,000</b>	<b>80,000</b>
	• SEVERE/VOCATIONAL DUTY	<b>30,000</b>	<b>48,000</b>
<b>OIL AND FILTER</b>	• NORMAL/LINE HAUL < 20% IDLE TIME	<b>75,000</b>	<b>120,000</b>
	• NORMAL/LINE HAUL > 20% IDLE TIME	<b>50,000</b>	<b>80,000</b>
	• SEVERE/VOCATIONAL DUTY	<b>30,000</b>	<b>48,000</b>
<b>COOLANT FILTER</b>	• NORMAL/LINE HAUL < 20% IDLE TIME	<b>375,000</b>	<b>600,000</b>
	• NORMAL/LINE HAUL > 20% IDLE TIME	<b>350,000</b>	<b>560,000</b>
	• SEVERE/VOCATIONAL DUTY	<b>300,000</b>	<b>480,000</b>
<b>DEF FILTER</b>	• NORMAL/LINE HAUL < 20% IDLE TIME	<b>375,000</b>	<b>600,000</b>
	• NORMAL/LINE HAUL > 20% IDLE TIME	<b>350,000</b>	<b>560,000</b>
	• SEVERE/VOCATIONAL DUTY	<b>300,000</b>	<b>480,000</b>

## AFTERTREATMENT SYSTEM



- SINGLE CANISTER DPF AND SCR AFTERTREATMENT DESIGN
- SIMPLIFIED PACKAGING
- LIGHT WEIGHT

Note: Equipment and specifications shown in this brochure are subject to change without notice. Consult with your PACCAR Engine dealer at time of ordering for standard and optional equipment. PACCAR, MX, MX-II, and MX-13 are trademarks of PACCAR Inc.

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