

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

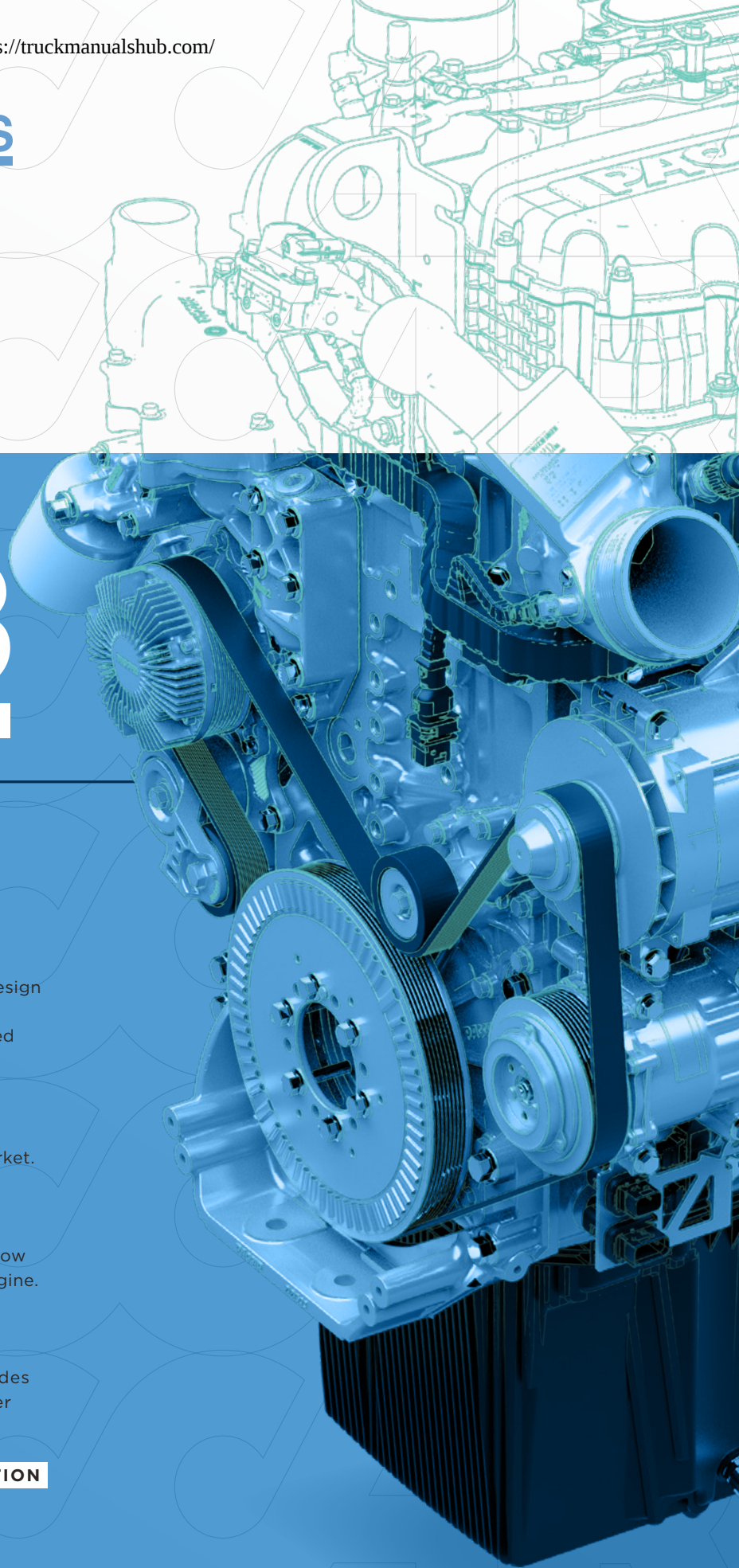
With up to a 75,000-mile oil change interval, MX engines will save your business money due to the low cost of routine maintenance over the life of the engine.

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

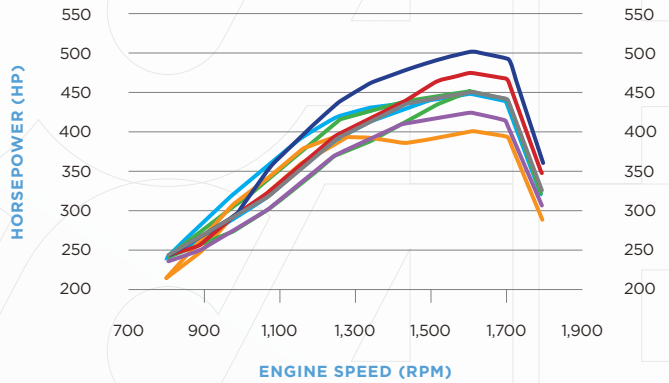
PEAK TORQUE (LB.-FT. @ RPM)

1,850 @ 1,000
1,650 @ 900
1,650/1,850 @ 900¹
1,550/1,750 @ 900¹
1,650 @ 900
1,550 @ 900
1,650/1,750 @ 900¹

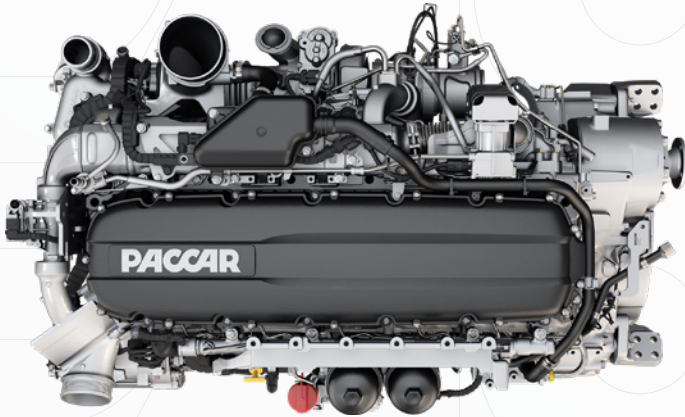
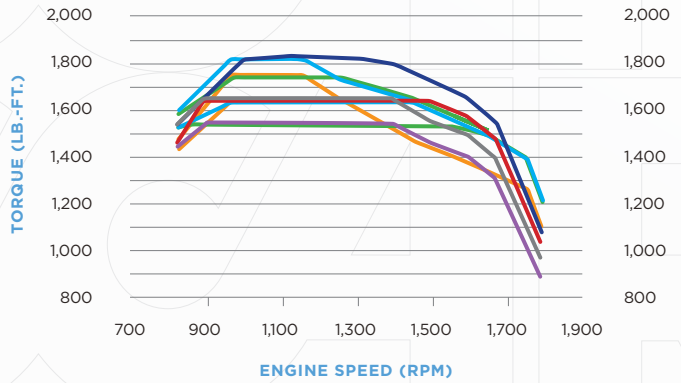


¹Multi-torque rating

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 WARRANTY²

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

MAJOR COMPONENTS WARRANTY

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

CERTIFICATION

EPA 2021

²Extended protection plans available

MAINTENANCE INTERVALS

MAINTENANCE ITEM³

MI.

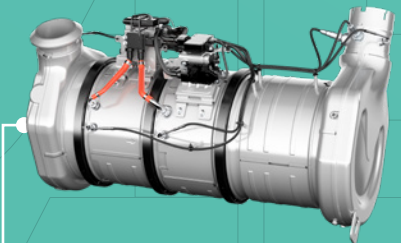
KM.

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 ⁴		600,000	960,000

³Reference MX Engine Operators Manual for engine maintenance requirements

⁴Wet cleaning interval

AFTERTREATMENT SYSTEM



COMPACT DESIGN

SIMPLIFIED PACKAGING

LIGHT WEIGHT