

PACCAR ENGINES

MX-13

EPA 2024

UPTIME

MX-13 engines are built for durability, with multi-million-mile endurance testing. 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

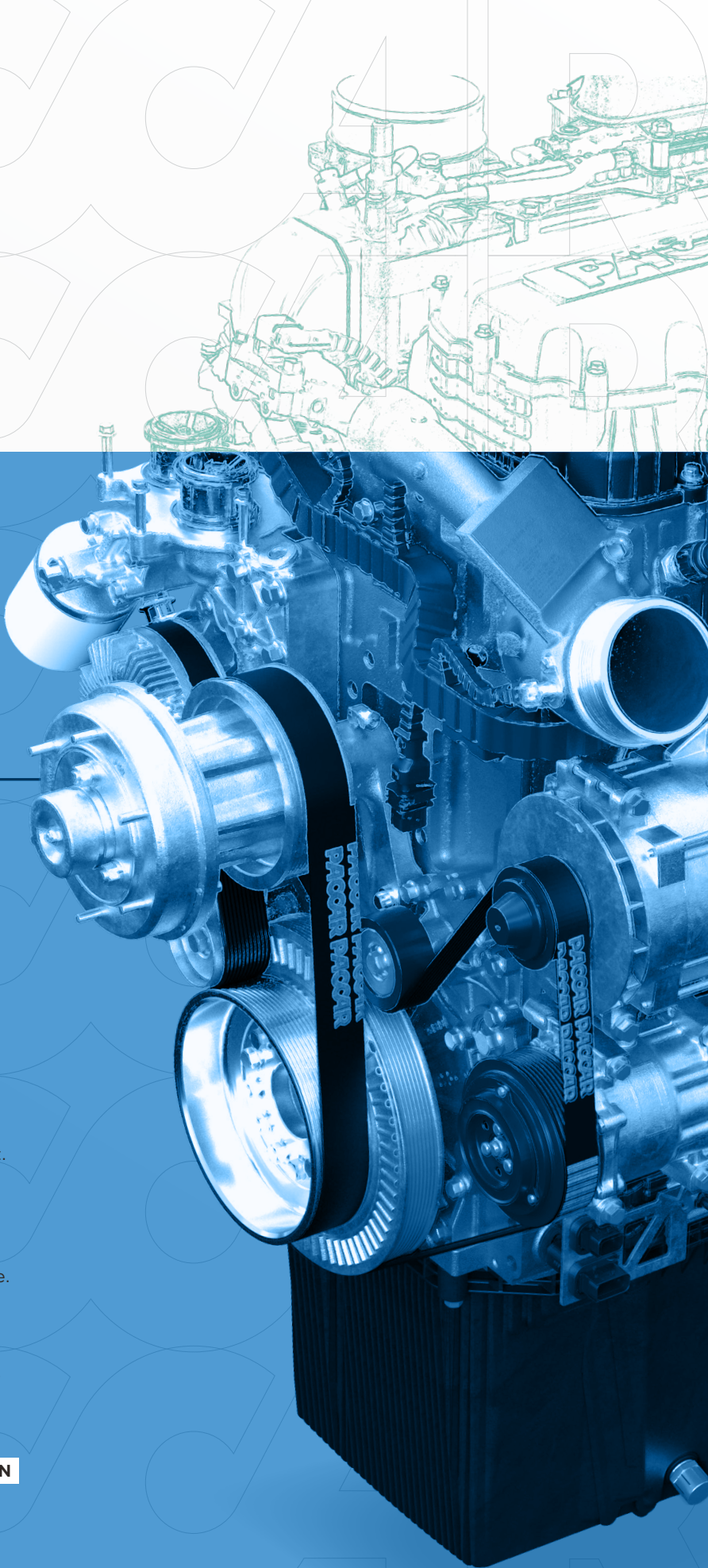
With up to a 75,000-mile oil change interval, MX engines will save your business money due to the low cost of routine maintenance over the life of the engine.

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)

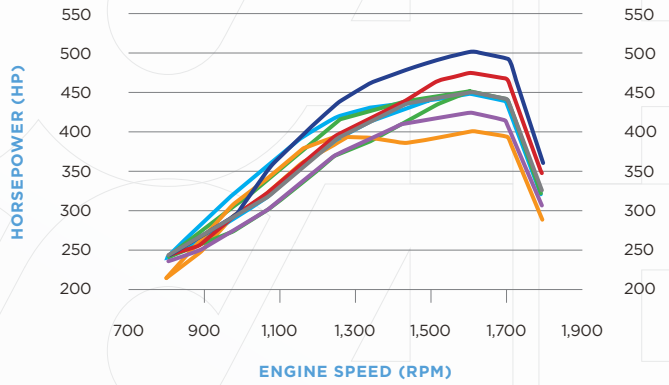
1,850 @ 1,000
1,650 @ 900
1,650/1,850 @ 900¹
1,550/1,750 @ 900¹
1,650 @ 900
1,550 @ 900
1,650/1,750 @ 900¹



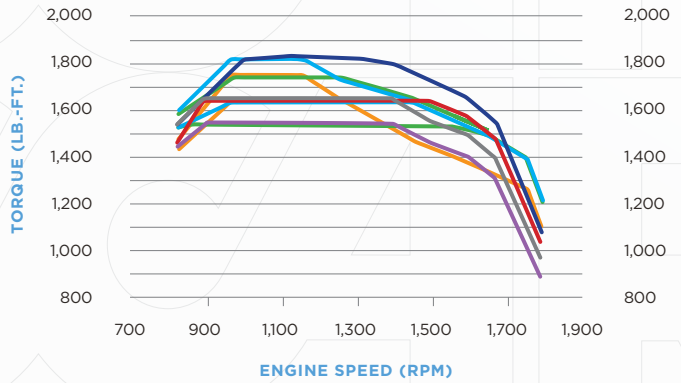
¹Multi-torque rating



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

2,100 RPM

BASE WARRANTY²

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

MAJOR COMPONENTS WARRANTY

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

CERTIFICATION

EPA 2024

MAXIMUM OPERATING WEIGHT

140,000 LBS.

²Extended protection plans available

MAINTENANCE INTERVALS

MAINTENANCE ITEM³

MI.

KM.

Fuel Filter

Normal/Line Haul < 20% Idle Time
Normal/Line Haul > 20% Idle Time
Severe/Vocational Duty

75,000
50,000
30,000

120,000
80,000
48,000

Oil and Filter

Normal/Line Haul < 20% Idle Time
Normal/Line Haul > 20% Idle Time
Severe/Vocational Duty

75,000
50,000
30,000

120,000
80,000
48,000

Coolant Filter

300,000

480,000

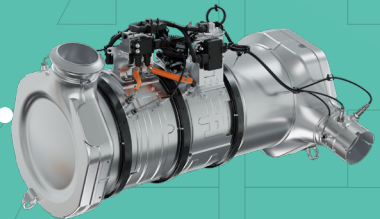
DEF Filter

300,000

480,000

³Reference MX Engine Operators Manual for engine maintenance requirements

AFTERTREATMENT SYSTEM



COMPACT DESIGN

SIMPLIFIED PACKAGING

LIGHT WEIGHT