



MAXXFORCE

INTERNATIONAL DIESEL POWER

www.MaxxForce.com

MaxxForce™ International Diesel Power is the signature brand for International commercial vehicle engines. MaxxForce engines are designed, engineered and built to deliver what you expect – power, performance, reliability and durability – for a wide array of commercial vehicle applications. They are backed by the industry's largest dealer network in North America with more than 900 International dealer locations and over 7,000 service technicians.



MAXXFORCE 5

INTERNATIONAL DIESEL POWER™

With International Engine Group and MaxxForce engines, you get products and an organization behind them that are always performing.

For more information on the MaxxForce™ 5, visit your local International dealer or www.MaxxForce.com.



A NAVISTAR COMPANY

ALWAYS PERFORMING

MAXXFORCE 5

For owners, drivers and maintainers, the MaxxForce™ 5 delivers big performance, exceptional economy and ease-of-service in a small package. Built on International's V-6 platform and fully compliant with 2007 EPA emissions standards, the MaxxForce 5 is the driving force in International® CityStar™ commercial vehicles and Workhorse® custom chassis, models W-42 and W-62.

PERFORMANCE AND DRIVABILITY

- The International® Electro-Hydraulic Generation Two (G2) fuel system offers full electronic control for optimized fuel delivery. The G2 fuel system enables diesel particulate filter regeneration without downstream equipment.
- A proven regulated two-stage turbocharging system features a small turbo to provide quick low-speed response and a second, larger turbo to provide power at higher rpm and altitude.
- Electronically monitored and controlled glow plugs provide unaided cold starts down to -10° F.
- A new 32-bit ECM provides faster data processing with more capability for aftertreatment inputs and control, and minimizes connection points for added reliability.
- Cast iron bedplate design provides additional strength to bottom of cylinder block and helps maintain perfect main bearing alignment.
- Rear-mounted gear train reduces engine noise, vibration and harshness.

DURABILITY AND SERVICEABILITY

- Four valves per cylinder provide better breathing, performance and lower emissions.
- Hydraulic roller-cam followers provide a service-free valvetrain.
- 10-groove belt improves belt life and allows additional accessory loads to be added.
- Horizontal Fuel Conditioning Module incorporates primary 100-micron and 10-micron fuel filters in series, fuel-water separator with a water-in-fuel sensor and drain, fuel heater, and electric-driven fuel transfer pump.
- Top-mounted secondary fuel and oil filters are accessible from the driver's side for ease-of-service, reducing downtime and operating costs.

MAXXFORCE 5 PERFORMANCE DATA

| Horsepower (bhp) | Torque (lb.-ft.) | Gov. Speed (rpm) | Clutch Engagement Torque @ 800 rpm |
|------------------|------------------|------------------|------------------------------------|
| 200 | 440 | 3,000 | 210 |

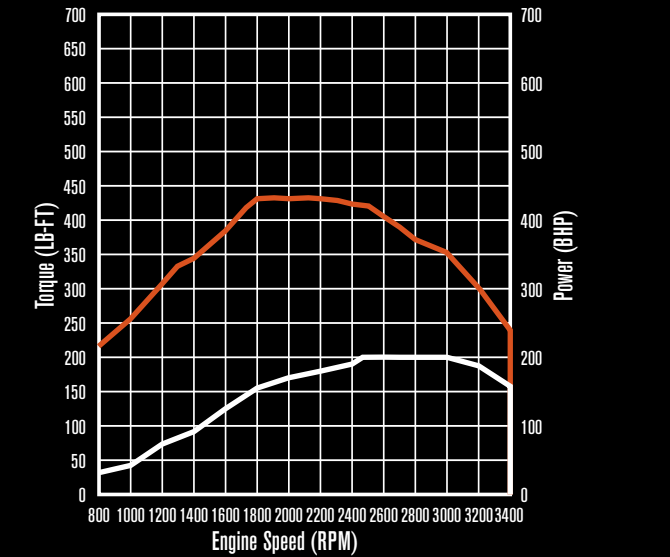


PROVEN INNOVATIONS

- Maintenance-free closed engine breather system.
- In-cylinder dosing eliminates the need for additional aftertreatment equipment.
- Upgraded EGR system reduces NOx emissions without negatively affecting fuel economy.

MAXXFORCE 5 PERFORMANCE

200 HP / 440 LB-FT



For metric power curves, see www.MaxxForce.com.

MAXXFORCE 5

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| | |
|-------------------|----------------------------------|
| Configuration | V-6 |
| Displacement | 4.5 L (275 cu. in.) |
| Power Output | 200 hp (149 kW) |
| Peak Torque | 440 lb.-ft. (596 Nm) @ 1,800 rpm |
| Aspiration | Two-stage regulated turbocharger |
| Combustion System | Direct injection |
| Dry Engine Weight | 835 lbs. (379 kg) |
| B50 Life | 408,500 miles (657,417 km) |

PREVENTATIVE MAINTENANCE INTERVALS

| | |
|--|---|
| Change Engine Oil, Replace Oil Filter: | 7,500 miles (12,070 km) / 6 months / 350 hours |
| Replace Fuel Filter: | 22,500 miles (36,210 km) / 12 months / 700 hours |
| Replace Coolant*: | 300,000 miles (482,803 km) / 5 years / 12,000 hours |

*Add extender @ 150,000 miles (241,400 km) / 2.5 years / 6,000 hours