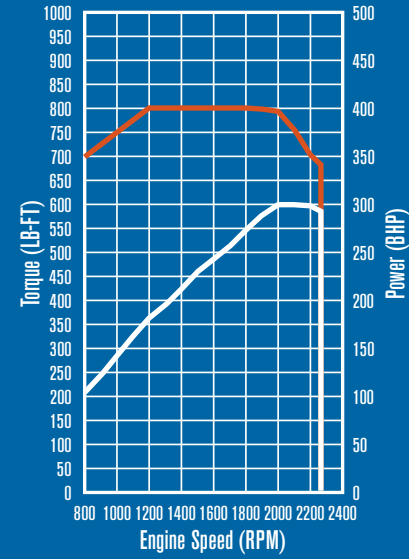


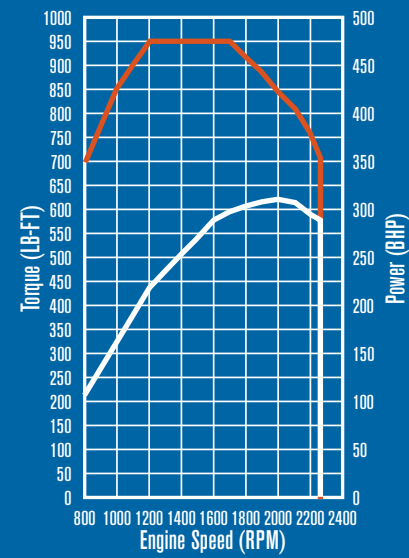
MAXXFORCE 9 PERFORMANCE

— TORQUE — POWER

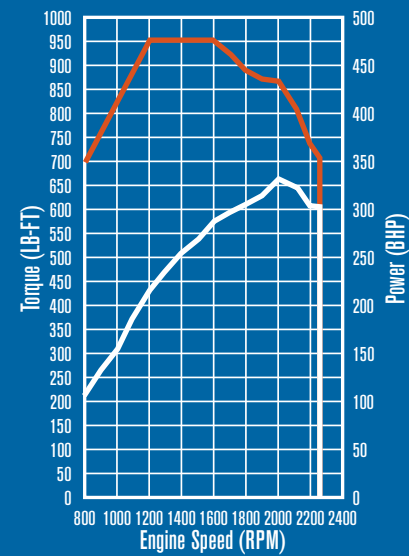
300 HP / 800 LB-FT



310 HP / 950 LB-FT



330 HP / 950 LB-FT



For metric power curves, see [www.MaxxForce.com](http://www.MaxxForce.com).

**MAXXFORCE**  
INTERNATIONAL DIESEL POWER™

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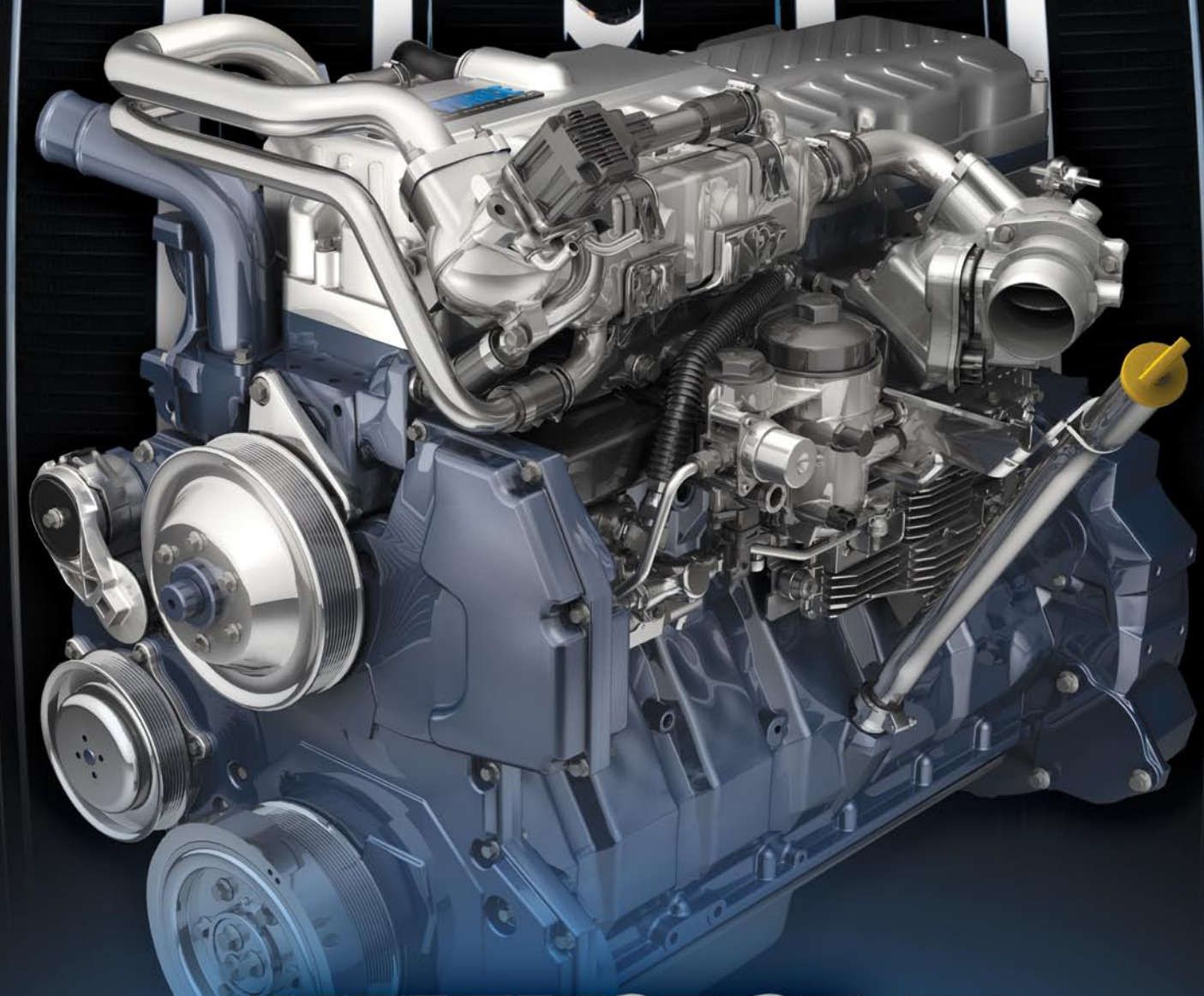
MaxxForce™ International Diesel Power is the signature brand for International commercial vehicle engines. MaxxForce engines are designed, engineered and built to deliver what you expect – power, performance, reliability and durability – for a wide array of commercial vehicle applications. They are backed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

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 9, visit your local International dealer or [www.MaxxForce.com](http://www.MaxxForce.com).



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**MAXXFORCE 9**  
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ALWAYS PERFORMING

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# MAXXFORCE 9

The MaxxForce 9, built on the reliable and durable platform of the legendary DT 466, features upgraded components to meet the needs of more demanding applications. This engine is the driving force in International® DuraStar™ and WorkStar™ commercial vehicles and International® CXT™ and RXT™ trucks.

## PREMIUM FEATURES

- A titanium compressor wheel on the EVRT® turbocharger provides increased durability for higher horsepower applications.
- Long-stroke crankshaft for increased displacement.
- Single-piece steel pistons are gallery-cooled for longer life and even wear.
- Stress-relieved crankcase for added strength.
- Crankcase ladder adds rigidity and strength while reducing engine noise.
- More power at lower governed speed provides for longer engine life.
- Larger displacement optimizes engine-braking power.
- High-capacity oil pump, high-pressure oil pump, oil cooler, fuel injectors, aftertreatment components, vibration damper and high-ratio water-pump pulley.

## MAXXFORCE 9 ALWAYS PERFORMING

Configuration	Inline 6-Cylinder, Wet-Sleeve
Displacement	9.3 L (570 cu. in.)
Power Output	300-330 hp (223-246 kW)
Peak Torque	800-950 lb.-ft. (1,084-1,288 Nm)
Aspiration	Turbocharged
Combustion System	Direct Injection
Dry Engine Weight	1,560 lbs. (708 kg)
B50 Life	832,500 miles (1,399,800 km)

## PREVENTATIVE MAINTENANCE INTERVALS

Change Engine Oil, Replace Oil Filter: (32 quarts [30.4 L] capacity)	Up to 15,000 miles (24,140 km) / 550 hours / 2,100 gallons (7,949 L) of fuel depending on duty cycle
Replace Fuel Filter:	30,000 miles (48,280 km) / 1,100 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

## RELIABILITY AND DURABILITY

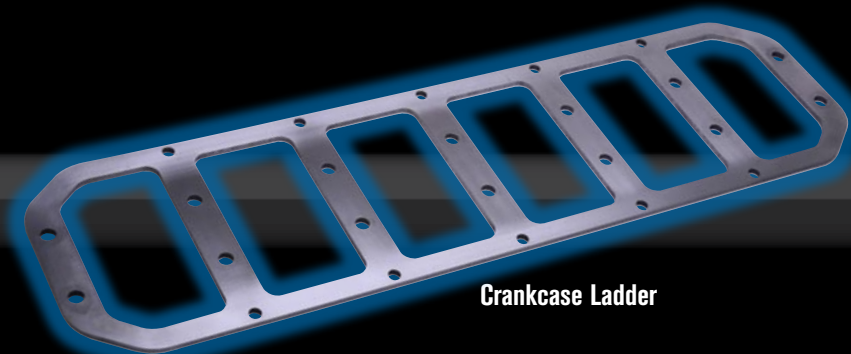
- Premium plateau-honed wet-sleeve design provides heavy-duty durability characteristic of a big bore engine.
- Six bolts per cylinder for even clamping and increased head gasket life.
- Bearing cap ladder reinforcement provides added strength for high-horsepower applications.
- Roller-cam followers provide increased durability and longer valve and camshaft life.
- Replaceable valve seats and guides allow for easy rebuild to original factory specifications.
- Four valves per cylinder provide better breathing, performance and lower emissions.
- Foam-molded wiring harness increases quality and durability.
- A new 32-bit ECM has fewer connection points for added reliability, and has added capability for control of aftertreatment systems.
- 10-groove belt improves belt life and allows additional accessory loads to be added.
- Optional 60-watt fuel heater for faster starts in cold weather.

## WIDE VOCATIONAL CAPABILITY

- The MaxxForce 9 is purpose-built to the needs of its customers for thousands of potential truck configurations.
- Three different horsepower and torque options offer 300-330 hp and 800-950 lb.-ft. of torque.

## MAXXFORCE 9 PERFORMANCE DATA

Horsepower (bhp)	Torque (lb.-ft.)	Gov. Speed (rpm)	Clutch Engagement Torque @800 rpm
300	800	2200	700
310	950	2200	700
330	950	2200	700



Crankcase Ladder



Foam-Molded Wiring Harness



Wet Cylinder Sleeve

## SERVICEABILITY

- Low-cost in-chassis rebuild capability for long service life and strong resale value.
- Top-loading fuel filter and fuel/water separator provide ease of maintenance.
- Standard integrated water-in-fuel sensor with dashboard indicator light.
- Top-loading fuel strainer.
- Standard integrated fuel filter restriction indicator.
- Maintenance-free closed crankcase ventilation system features a centrifugal oil mist separator.
- In-cylinder dosing eliminates the need for additional aftertreatment equipment.
- Compatible with AWARE™ Vehicle Intelligence onboard diagnostics system.

## PROVEN INNOVATIONS

The International® Electro-Hydraulic Generation Two (G2) fuel system offers full electronic control for optimized fuel delivery, which results in fuel economy improvements of up to 5%, dependant upon application and duty cycle. The G2 fuel system enables diesel particulate filter regeneration without downstream equipment.

International® EVRT® electronically controlled turbocharger improves the engine's torque curve and response, as well as provides exhaust back-pressure to control EGR flow rate and exhaust braking.

The optional Diamond Logic® engine brake by Jacobs™ provides up to 325 bhp of quiet braking power and can extend the life of your service brakes, resulting in lower service costs.

The optional Diamond Logic® exhaust brake is integrated into the EVRT turbocharger, eliminating the need for traditional exhaust-brake hardware. The exhaust brake provides up to 185 bhp on the MaxxForce 9, further extending the life of your service brakes.

\* Both brake systems integrate with cruise control to help keep the vehicle at desired speeds.

\* Jacobs is a registered trademark of Jacobs Vehicle Systems Inc.