

DISPLACEMENT  
**12.4L**

HORSEPOWER  
**365-500**

TORQUE lb.-ft.  
**1250-1750**



Available for:

- ▶ International® LT® Series
- ▶ International® RH™ Series
- ▶ International® HV™ Series
- ▶ International® HX® Series

## BUILT FOR UPTIME AND BACKED BY A BEST-IN-CLASS WARRANTY.

The International® A26 Engine is engineered with proven components that deliver optimal uptime and fuel efficiency in a lightweight design. This big bore engine has been relentlessly tested with hundreds of thousands of hours of dyno testing and millions of real-world test miles.

The A26 produces up to 500 HP and 1750 lb.-ft. of torque, yet is 600-700 lbs. lighter than traditional big-bore engines. It features North America's first Class 7-8 Compacted Graphite Iron (CGI) crankcase design for greater strength, plus an all-new cylinder head and other refinements for up to a 5% fuel economy improvement over the engine it replaces. Engine braking power is increased by up to 67% for confident braking performance, particularly at low- to mid-RPMs and at higher altitudes.







## ENGINEERED WITH EFFICIENT MUSCLE AND READY TO SET A NEW STANDARD IN UPTIME.

### Uptime

- Larger piston pin, connecting rod and bushing deliver optimal load distribution for greater durability
- Assembled camshaft features tool grade steel lobes for unsurpassed durability
- Foamed wiring harnesses provide ease of service and chafe protection
- Aluminum castings, stainless steel tubes, composite valve covers, and optional stainless steel oil pans provide long lasting corrosion protection
- All high temperature fasteners include a permanent coating to prevent seizing, including fasteners for the exhaust manifolds, heat shields, and turbocharger

### Fuel Efficiency

- Variable Geometry Turbocharger efficiently delivers boost air pressure across a wide range of engine speeds, loads and elevation
- 2500 bar High Pressure Common Rail (HPCR) fuel system produces maximum fuel injection pressure to reduce emissions and fuel consumption
- Down speed calibration ratings reduce friction and parasitic losses
- Class-leading lightweight design includes compacted graphite iron crankcase, shot peened aluminum flywheel housing, composite valve covers, and a hollow camshaft to reduce weight while maximizing payload capacity
- Low fuel consumption at idle of 0.5 gallon of fuel per hour minimizes idling expense

### Driver Appeal

- Variable Geometry Turbocharger boosts engine braking power by up to 67% for confident braking performance, particularly at low- to mid-RPMs and at higher altitudes
- High-flow hand primer pump is relocated to allow quick and easy access
- Sculpted crankcase and oil pan reduce noise
- HPCR fuel system delivers multiple injection events for smooth and extremely quiet operation

**Note:** Engine specifications are subject to change without notice.

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### Technical Specifications

Engine Type	Diesel, 4-Cycle
Configuration	Inline 6-Cylinder
Displacement	12.4 L (758 cu. in.)
Bore & Stroke	4.96 in. & 6.54 in. (126 mm & 166 mm)
Compression Ratio	18.5:1
Aspiration	Variable Geometry Turbocharger with Charge Air Cooler
Combustion System	2500 bar High Pressure Common Rail
Engine Lubrication	42 Quarts (40 L)
Total Engine Weight (Dry)	2,299 lbs. (1043 kg)
Valves	4 Valves Per Cylinder, Single Overhead Camshaft
B10 Design Life	1,200,000 mi (1,931,000 km)



### Maintenance Intervals

Replace Engine Oil and Oil Filter	Up to 70,000 miles with oil sampling and International Truck approval Greater than 6.5 mpg: 50,000 miles (80,000 km) 5.5 to 6.5 mpg: 35,000 miles (56,000 km) Less than 5.5 mpg: 20,000 miles (32,000 km) / 6 months / 500 hours
Replace Fuel Filter	At every oil change or 1,300 hours
Diesel Particulate Filter Cleaning	Greater than 6.5 mpg: 600,000 miles / 11,000 hours 5.5 to 6.5 mpg: 500,000 miles / 9,000 hours Less than 5.5 mpg: 350,000 miles / 9,000 hours
Replace DEF Filter	300,000 miles (483,000 km)
Add Extended Life Coolant Extender	600,000 miles (966,000 km)
Replace Coolant	1,200,000 miles (1,931,000 km) / 8 years / 15,000 hours
Adjust Valve Lash	At 120,000 miles (193,000 km) / 1,000 hours, at 300,000 miles (483,000 km) / 3,000 hours, then every 300,000 miles (483,000 km) / 3,000 hours

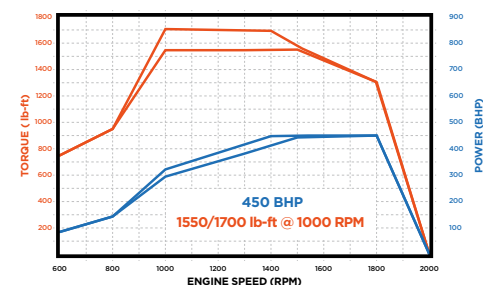
### Best-In-Class Engine Warranty

Standard Engine Warranty	2 years, unlimited miles, unlimited hours
Optional Engine Warranties	Up to 6 years, 600,000 miles
Optional Major Component Coverage	Up to 7 years, 700,000 miles

### LT™ Series and RH™ Series

HP @ 1700 RPM	Torque [lb-ft] @ 1000 RPM	Governed speed [RPM]	High idle speed [RPM]
365*	1250	2100	2200
370*	1350	1800	2000
400	1550-1750 (@975)	1800	2000
410	1450	1800	2000
410	1450-1650	1800	2000
430	1550	1800	2000
450	1700	1800	2000
450	1550-1700	1800	2000
475	1700	1800	2000

\*Not available in LT Series



### HV™ Series and HX™ Series

HP @ 1700 RPM	Torque [lb-ft] @ 1000 RPM	Governed speed [RPM]	High idle speed [RPM]
365**	1250	2100	2200
370	1350	2100	2200
390	1450	2100	2200
410	1450	2100	2200
430	1550	2100	2200
450	1700	2100	2200
475	1700	2100	2200
500	1750	2100	2200

\*\*Not available in HX Series

Power curves to the right depict popular ratings, please see your International dealer for charts covering all ratings.

