



DISPLACEMENT
12.4L

HORSEPOWER
370-475

TORQUE lb.-ft.
1350-1750

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

The new International® A26 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 475 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.

A26™

Available for: ▶ LT™ Series
▶ RH™ Series





ENGINEERED WITH EFFICIENT MUSCLE AND READY TO TAKE ON THE WORLD.

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

Fuel Efficiency

- Variable Geometry Turbocharger efficiently delivers boost air pressure across a wide range of engine speeds, loads and altitudes
- 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

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

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 6.5 or greater mpg: 50,000 miles (80,000 km) 5.5 to 6.5 mpg: 30,000 miles (48,000 km) Less than 5.5 mpg: 20,000 miles (32,000 km)
Replace Fuel Filter	At every oil change or 1,300 hours
Diesel Particulate Filter Cleaning	6.5 or greater 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 kilometers)
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), at 300,000 miles (483,000 km), then every 300,000 miles (483,000 km)

Linehaul: LT™ Series and RH™ Series

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

Best-In-Class Engine Warranty

Standard Engine Warranty	2 year unlimited mile warranty
Optional Engine Warranties	Up to 7 years and 700,000 miles

Note: Engine specifications are subject to change without notice.

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