

CUMMINS®
B6.7



FIVE REASONS THE B6.7 IS THE BEST ENGINE IN ITS CLASS



Every aspect of the B6.7 has been engineered for reliability, durability and fuel efficiency to deliver the lowest cost of ownership with maximum uptime.

1 THE PROVEN CHAMPION

- ▶ Over 33 years of global production and experience, with over 600,000 B-Series engines produced every year
- ▶ A long history of industry innovation and reliability, tested and proven across the harshest environments and extreme applications

2 BEST-IN-CLASS DURABILITY

- ▶ When both engines are producing the same amount of power, pressure exerted on each piston during the power stroke is spread across 6 cylinders (B6.7) vs. 4 cylinders (DD5). This results in a lower BMEP (Brake Mean Effective Pressure) rating, or less average pressure exerted on the piston during each power stroke.
- ▶ Less stress per cylinder reduces the overall stress on the engine and increases engine life

3 NO REPLACEMENT FOR DISPLACEMENT

- ▶ Larger displacement engines are capable of producing higher torque at lower rpms
- ▶ With higher torque, power is produced more easily delivering smoother performance and a capability to handle greater loads
- ▶ Inline 6 cylinder engines are naturally balanced producing less noise, vibration and harshness for improved driver comfort

4 LESS COMPLEX, MORE RELIABLE

- ▶ The B6.7 uses a proven and simple Cummins Variable Geometry Turbocharger (VGT) that delivers superior performance under all operating conditions
- ▶ A two-stage turbocharger solution is complex, heavier and more difficult to service
- ▶ Innovative and proprietary electronic controls for enhanced thermal management of the aftertreatment system results in no need for variable valve timing

5 UNMATCHED SUPPORT

- ▶ Over 3,500 service locations in the US and Canada for the largest service network in the industry
- ▶ With over 12 million B-Series engines produced globally, the B6.7 has the largest network of trained and certified technicians in the world
- ▶ Well established distribution centers ensure parts are widely stocked for best-in-class availability

CUMMINS® B6.7 vs. DETROIT™ DD5™

GENERATIONS OF EXPERIENCE

30+ YEARS OF MARKET LEADING PRODUCTION

12M+ B-SERIES ENGINES PRODUCED GLOBALLY



A LONG HISTORY OF INNOVATION AND RELIABILITY

- ▶ American-designed, globally embraced
- ▶ The MidRange market leader with a proven stable architecture that has evolved to fit customer needs
- ▶ Venerable inline 6 cylinder with 6.7L of displacement
- ▶ 30 years of parent bore design, 20 years of 24 valves, 15 years of VGT, EGR and HPCR, 11 years of 6.7L displacement and 10 years of aftertreatment

STANDARD WARRANTY

- ▶ 5-year / 100,000 miles

ENGINE MODEL	POWER HP (KW)	PEAK TORQUE LB-FT (NM) @ RPM
260-200 HP EFFICIENCY RATINGS		
B6.7 200	200 (194)	520 (705) @ 1600
B6.7 220	220 (186)	520 (705) @ 1600
B6.7 220*	220 (179)	600 (813) @ 1600
B6.7 240	240 (164)	560 (759) @ 1600
B6.7 250	250 (164)	660 (895) @ 1600
B6.7 260	260 (149)	660 (895) @ 1600

*The B6.7 provides the flexibility to update ratings and a hardware change is only necessary when moving from one engine family to another.

NEW TO THE NORTH AMERICAN MARKET

3+ YEARS OF EUROPEAN MARKET EXPERIENCE

60K ENGINES BUILT IN EUROPE



DESIGNED TO MEET EUROPEAN EMISSIONS REQUIREMENTS, ADAPTED FOR NORTH AMERICA

- ▶ Derived from the European OM934
- ▶ Inline 4 cylinder with 5.1L of displacement
- ▶ Extended oil drain interval mitigated by time limitation

STANDARD WARRANTY

- ▶ 5-year / 100,000 miles
- ▶ B10 Life Claim* of 400,000 miles

*B10 Life Claims are not subject to any SAE testing standards and are heavily dependent on application. For these reasons, Cummins does not publish B10 Life Claims.

ENGINE MODEL	POWER HP (KW)	PEAK TORQUE LB-FT (NM) @ RPM
DD5 ENGINE POWER RATINGS		
DD5	200 HP @ 2200 RPM	560 lb-ft @ 1400 RPM
DD5	220 HP @ 2200 RPM	560 lb-ft @ 1400 RPM
DD5	240 HP @ 2200 RPM	660 lb-ft @ 1400 RPM



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