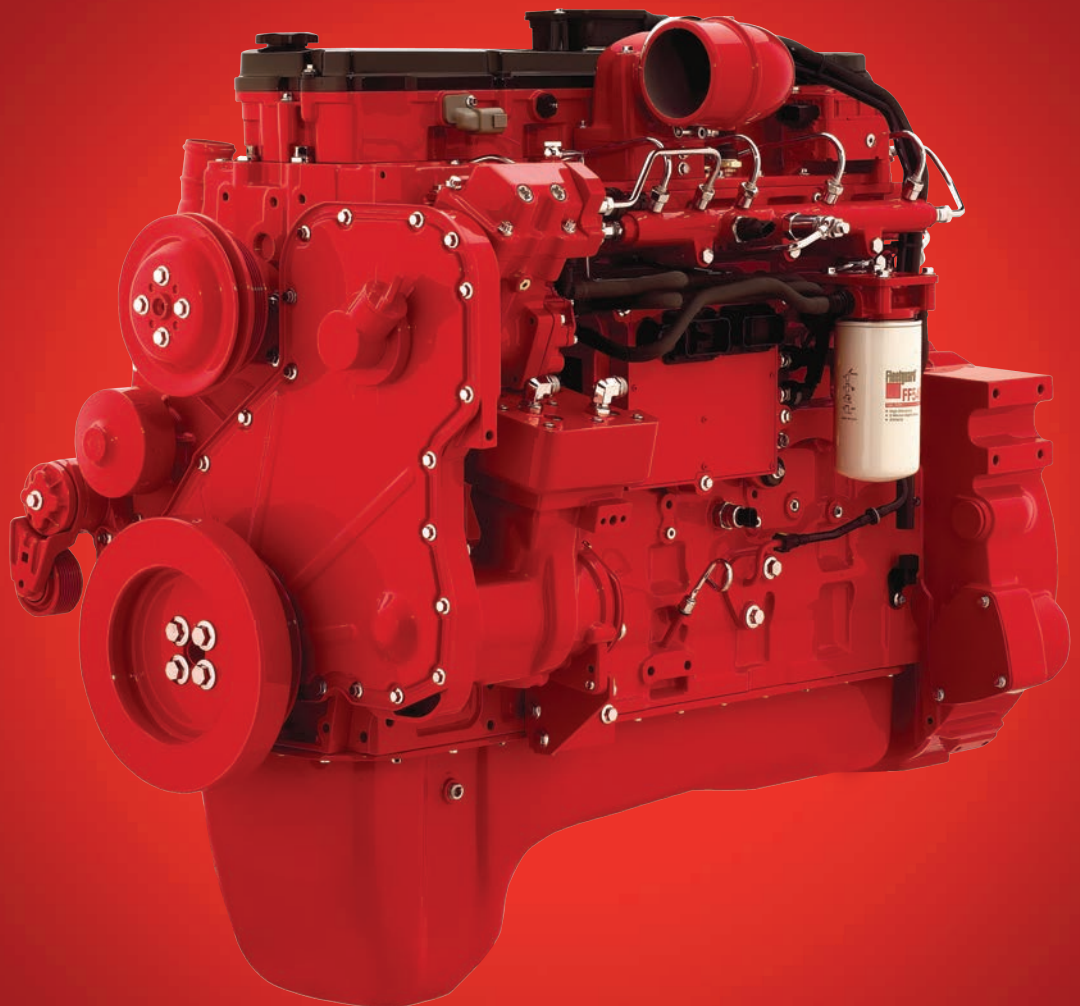




Every Load. ISLe5.  
The right technology matters.



# ISLe5

The ISLe5 is Cummins' latest generation 8.9-litre mid-range engine, with SCR (Selective Catalytic Reduction) technology utilised for emissions reduction and performance improvements.

Complying with Euro 5 and ADR80/03 emissions regulations, the ISLe5 provides best-in-class power density and fuel economy along with well proven reliability and durability.

With unrivalled performance for an engine this size, the ISLe5 is the ideal choice for concrete agitator and waste collection applications, lightweight prime movers and higher-powered bus and coach operations.

## Features and benefits.

- High power-to-weight ratio.
- Ratings up to 400 hp/1255 lb ft. High clutch engagement torque of 575 lb ft.
- Electronically uprateable from 280 to 400 hp without hardware changes (depending on application).
- High-pressure common rail fuel system with electronic injectors for rapid power delivery, low noise and low emissions.
- Compression engine brake providing up to 250 braking horsepower.
- Heavy-duty design features such as targeted piston cooling, roller cam followers and steel -top pistons for improved reliability/durability.
- Rear engine PTO availability.
- Full-authority electronic control providing standard Cummins features such as diagnostics, data downloading, PTO control, maintenance monitoring and engine protection.

## Specifications.

Type	4-cycle, in-line, 6 cylinder, turbocharged/charge air cooled
Bore & stroke	114 x 145 mm (4.49 x 5.69 in)
Displacement	8.9 litres (541 cu in)
Compression ratio	16.6:1
Oil system capacity	27.6 litres
Dry weight	706 kg

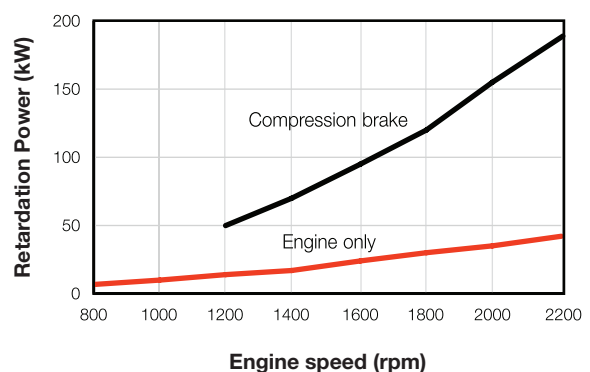
## Truck/coach ratings.

HORSEPOWER	TORQUE LB FT (NM) @ RPM	GOVERNED SPEED
280	778 (1055) @ 1100-1700	2100 rpm
320	996 (1350) @ 1100-1500	2100 rpm
340	1107 (1500) @ 1200-1400	2100 rpm
360	1180 (1600) @ 1200-1400	2100 rpm
380	1255 (1700) @ 1300-1400	2100 rpm
400	1255 (1700) @ 1300-1400	2100 rpm

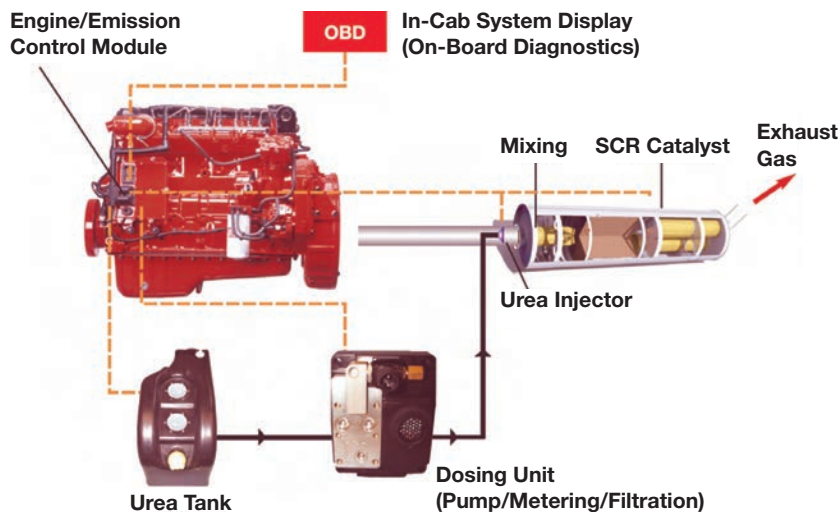
## City bus/transit bus ratings.

HORSEPOWER	TORQUE LB FT (NM) @ RPM	GOVERNED SPEED
280	778 (1055) @ 1100-1700	2100 rpm
320	996 (1350) @ 1100-1500	2100 rpm
340	1107 (1500) @ 1200-1400	2100 rpm

## ISLe5 engine braking.



**The Cummins compression engine brake on the ISLe5 provides up to 250 braking horsepower (186 kW).**



## Emissions technology.

Leadership in combustion research, fuel and air-handling systems, filtration, electronic controls and exhaust aftertreatment allows Cummins to provide the most appropriate emissions control solution for each market served.

Selective Catalytic Reduction (SCR) is the standard technology on Cummins mid-range engines meeting Euro 5 and ADR80/03 emissions regulations.

SCR has been used by Cummins in Europe since 2005.

This technology doesn't change the design or operation of the basic engine. Rather, SCR is an exhaust aftertreatment system which converts NOx in the exhaust stream into harmless gases.

This means engine combustion can be optimised for improved fuel economy and reduced heat rejection while allowing higher ratings.

The ISLe5's SCR system is a fully integrated in-house design, developed by Cummins Emissions Solutions. In fact, Cummins is the only diesel engine manufacturer with in-house integration of the critical subsystems from air handling to exhaust aftertreatment.

The entire Cummins SCR system is centrally controlled and monitored from the engine ECM.

SCR works by injecting Diesel Exhaust

Fluid (DEF) into the exhaust stream in small quantities. DEF – or AdBlue® as it is also known – is nothing more than a solution of 32.5% urea and deionised water.

DEF works with the heat of the exhaust and a catalyst to convert NOx into nitrogen and water vapour – two harmless and natural components of the air we breathe.

DEF consumption is generally 4% to 8% of normal diesel consumption, depending on vehicle operation and application.

DEF is a non-toxic, non-flammable liquid and is widely available in the South Pacific, including from Cummins branches and dealers.

## Warranty coverage.

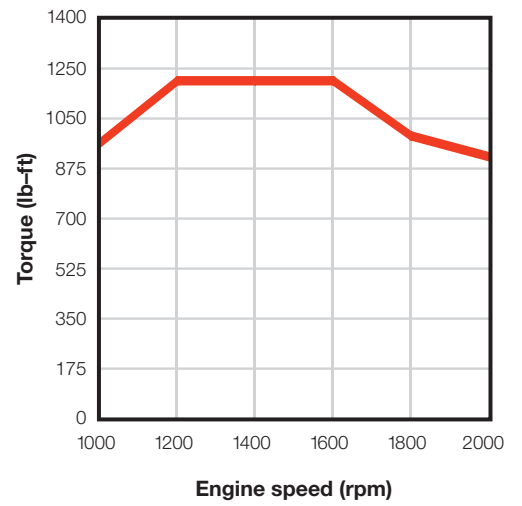
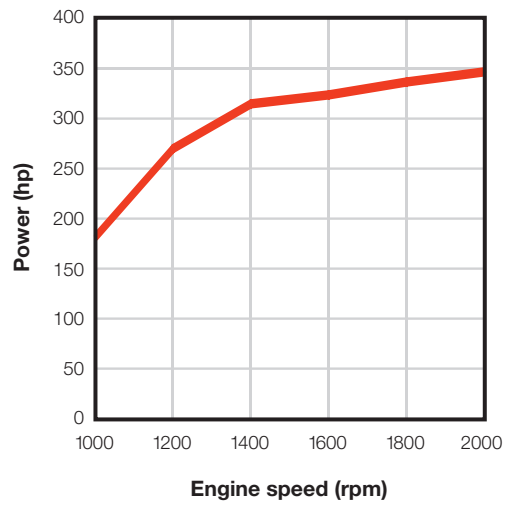
- Cummins base engine coverage\* is 2 years /402,336 km/6250 hours, whichever comes first.
- Covers full parts and labour on warrantable failures.
- Covers travel and towing when an engine is disabled by a warrantable failure.
- Extended warranty is also available. Contact your local Cummins branch for details.



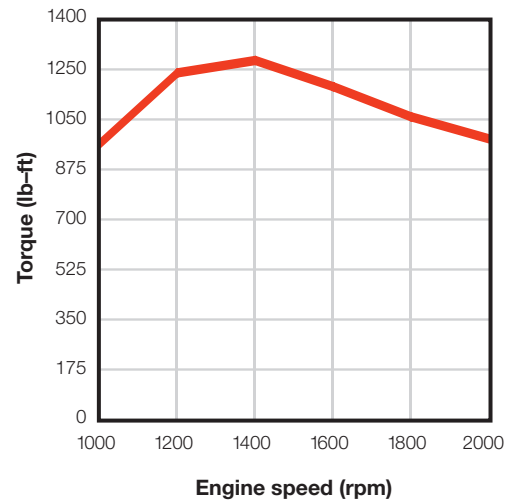
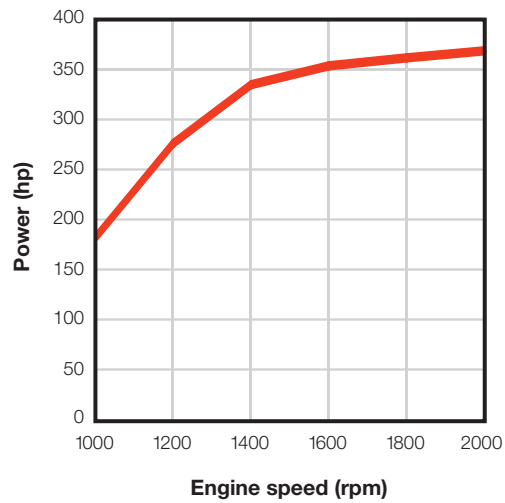
\* Covers defects in materials or factory workmanship.

AdBlue® is a registered trademark of Verband der Automobilindustrie e.V.(VDA)

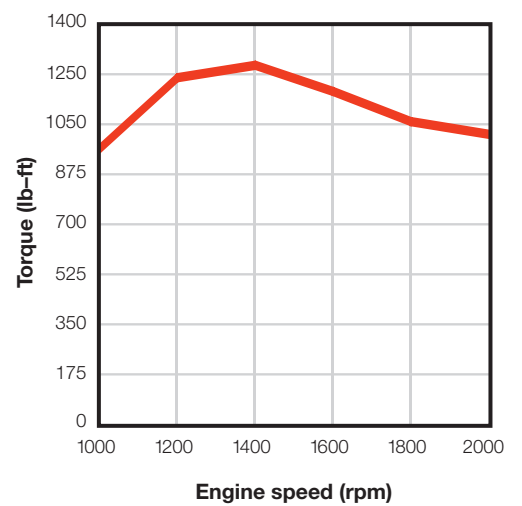
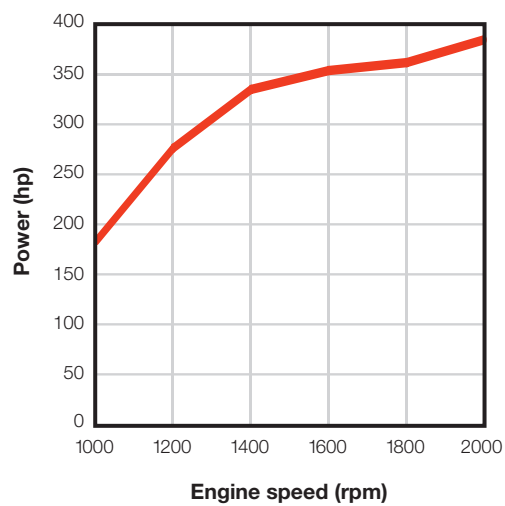
### ISLe5 360hp



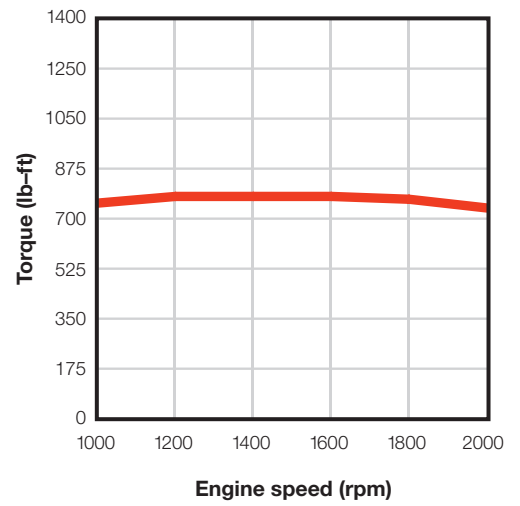
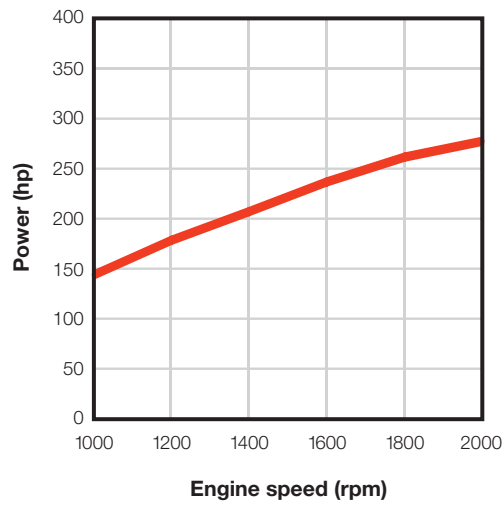
### ISLe5 380hp



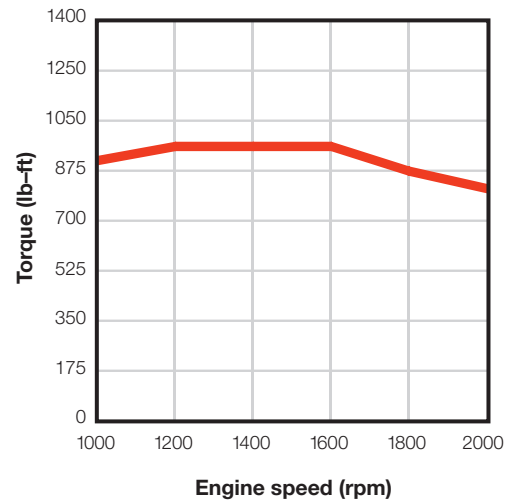
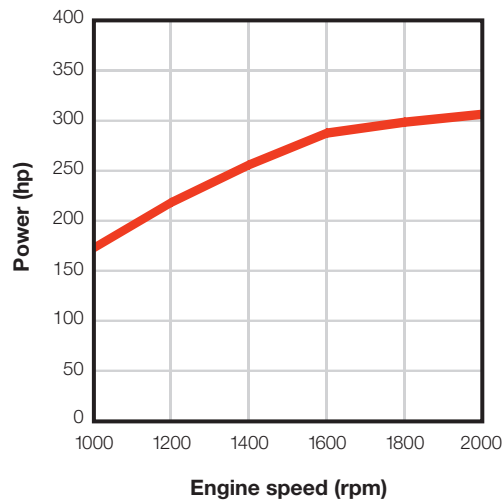
### ISLe5 400hp



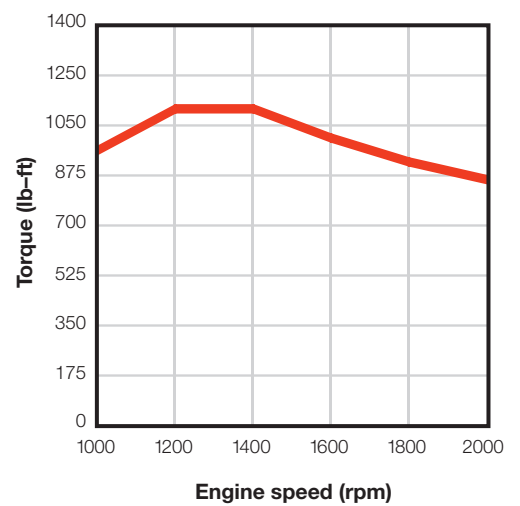
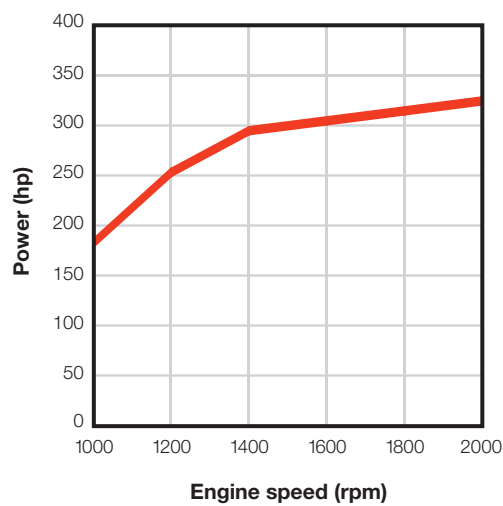
### ISLe5 280hp



### ISLe5 320hp



### ISLe5 340hp



**Customer Support -  
Every place you need it.**

Cummins has the most comprehensive service support network in Australia and New Zealand with 38 branches, 170 authorised dealers, and more than 240 field service vehicles linked by GPS for fast response.

In addition, customers can call the Australian-based Cummins Support Centre any time of the day, any day of the year, for breakdown assistance or technical advice. All you need to do is ring a single number – 1300 CUMMINS (if you're in Australia) or 0800 CUMMINS (if you're in New Zealand) – and you can speak directly to a highly experienced Cummins service technician.

With Cummins you're not just buying an engine, you're buying a partnership with all the support, services and parts you need.



**The Cummins Support Centre boasts a team of highly experienced service technicians who are based at a dedicated facility in Melbourne.**

**Everywhere.  
Cummins locations.**

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