



## X15 Efficiency Series (2020)

Power	Torque	Certification
400 - 500 hp	1450 - 1850 lb-ft	EPA 2017
298 - 373 kW	1966 - 2508 N•m	

### Efficiency Is More Than Fuel Economy.

The X15 Efficiency Series has the best fuel economy of any engine in its class, bar none. But there's more to efficiency than miles per gallon. It's having the best uptime in the industry, with the longest maintenance intervals so you can rack up more revenue miles every year. It's having over-the-air connectivity so you don't have to take time to visit a dealer for calibration updates. It's real-time diagnostics that accelerate service accuracy and speed. It's having the biggest, most capable parts and service network in the industry, so you can get rapid assistance no matter where your loads take you.

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#### Applications

Heavy-Duty Truck

Truck Equipment  
Manufacturers and  
Body Builders

#### Overview:

The X15 is an efficient use of your money, with the best resale value of any engine in the industry. It all adds up to Total Cost of Ownership that puts your fleet miles ahead of the competition.

#### Lower RPM. Bigger Savings.

The 2020 X15 Efficiency Series takes advantage of refinements to its big-bore design and integration with transmissions to deliver better fuel economy with reduced Greenhouse Gas (GHG) emissions. Increased downspeeding means your drivers get all the performance they are used to at lower RPM. Not only does this reduce fuel consumption and emissions but engines that run at consistently lower speeds last longer with less wear and tear.

#### New EX Ratings. Up to 5% Fuel Economy Improvement.

Cummins new EX ratings feature the Endurant™ transmission from the Eaton Cummins joint-venture. As part of the Cummins integrated power portfolio, the EX ratings leverage technological synergies to deliver high fuel economy and smooth operation with extended service intervals. Bundled hardware and software makes spec'ing easier and more time-efficient. The value that Cummins is bringing to the trucking industry goes well beyond engine hardware. Professionals drive like pros with the fuel saving technologies offered on the X15 Efficiency Series.

The EX ratings are specifically designed for long-haul, cost-sensitive fleets. Advanced features make it easier for novices and experienced drivers alike to achieve not only the best fuel economy, but experience improved drivability



## The Best Gets Even Better.

The X15 ratings for 2020 offer upgraded turbocharger aerodynamics and a high performance EGR cooler for overall air handling improvements for greater efficiency throughout the system. And, with changes like reduced water pump speed, there's an overall reduction in parasitic losses throughout the system.

## Uptime. All The Time.

When you purchase a piece of Cummins-powered equipment, you're getting more than just a powerful, reliable and durable engine. You're getting advanced technology and 24/7/365 coverage from Cummins Care, the most extensive and competent parts and service network (over 3,500 locations) in North America. X15 engines are equipped with our proven Connected Diagnostics system for rapid analysis if a fault is triggered. Connected Calibrations,<sup>™</sup> our Over-the-Air (OTA) engine customization technology, lets you upgrade your engine calibration on the job site. There's no need to visit a dealer to get the latest configuration. Everything we do is designed to reduce downtime and increase productivity – because that's the fastest route to greater profits.



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ITEM	<i>SEVERE</i>	<i>SHORTHAUL</i> <i>&lt;5.0 – 5.9 MPG</i>	<i>NORMAL</i> <i>6.0 – 6.9 MPG</i>	<i>LIGHT</i> <i>&gt;7.0 MPG</i>
OIL DRAIN INTERVAL	25,000 Mi 40,000 Km	40,000 Mi 64,000 Km	50,000 Mi 80,000 Km	75,000 Mi 120,000 Km
X15 OIL DRAIN WITH VALVOLINE PB <sup>1</sup>	30,000 Mi 48,000 Km	45,000 Mi 72,000 Km	55,000 Mi 89,000 Km	80,000 Mi* 130,000 Km
X15 OIL DRAIN WITH CUMMINS OILGUARD	extensions available	extensions available	extensions available	100,000 Mi* 112,000 Km
FUEL FILTER <sup>2</sup>	25,000 Mi 40,000 Km	40,000 Mi 64,000 Km	50,000 Mi 80,000 Km	75,000 Mi** 120,000 Km
DIESEL PARTICULATE FILTER <sup>3</sup>	250,000-400,000 Mi 400,000-640,000 Km		400,000-600,000 Mi 640,000-960,000 Km	600,000- 800,000 Mi 960,000-1,300,000 Km
PTO FILTER	250,000 Mi 400,000 Km		280,000 Mi 448,000 Km	300,000 Mi 480,000 Km
VALVE ADJUSTMENT	500,000 Mi 800,000 Km		500,000 Mi 800,000 Km	500,000 Mi 800,000 Km



- 1 - Up to 80,000-mile oil drain interval with participation in Cummins OilGuard oil analysis program.
- 2 - For Premium Blue users, the fuel filter interval matches the ODI.
- 3 - Maintenance lamp will illuminate when DPF cleaning.

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**X15 Productivity Series (2020)**

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<b>Power</b>	430 - 605 hp
<b>Torque</b>	1650 - 2050 ft-lb



**X15 Efficiency Series (2020)**

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<b>Power</b>	400 - 500 hp
<b>Torque</b>	1450 - 1850 ft-lb



**X12 (2018)**