



# NanoNet<sup>®</sup> Fuel and Lube Extended Solutions for 2020 Cummins X15 Engines

75,000 Mile Capable Fuel Filter 80,000 Mile Capable Lube Filter

## Your Defense Against Dirty Fuel

Global fuel analysis shows that fuel contamination levels have doubled over the past few years. The average gallon (3.8 liters) of fuel can contain over 18 million potentially harmful particles. Bad fuel leads to plugged filters, causing a host of problems for your engine. Real-world testing that simulates engine vibration shows how previously captured particles are released into the downstream fuel supply.

The FF5971NN featuring NanoNet<sup>®</sup> media retains captured particles during engine vibration better than any competitive product. The FF5971NN has a higher dust holding capacity compared to its competitors which leads to greater protection of the fuel injection equipment (FIE).



## Fleetguard FF5971NN Delivers:

1. Greater protection against dirty fuel than competitive options by delivering fuel that meets FIE manufacturers suggested cleanliness levels.
2. Extended service upgrade option FF5971NN is applicable for the 2020 X15 engines. Not backwards compatible for older model years.
3. NanoNet media in the FF5971NN for 2020 HD X15 engines not only removes the harmful hard particles but also retains them during vibration better than any competitive product in the market today.

## Take Your Truck the Distance

Fleetguard Genuine fuel filters offer sustained performance and longer service intervals for your HPCR fuel system. Fleetguard Genuine Filtration fuel system products are manufactured to meet and exceed OE standards for optimum protection, extended service intervals and reduced operating costs.

Service Interval	OilGuard >7.0 mpg	Light >7.0 mpg	Normal 6.0-6.9 mpg	Short Haul 5.0-5.9 mpg	Severe 3.0-4.9 mpg	Extreme-Severe <3
FF5971NN	100,000 mi 160,934 km	75,000 mi 120,701 km	50,000 mi 80,000 km	40,000 mi 64,000 km	25,000 mi 40,000 km	4,500 mi 7,242 km

**FF5971NN FUEL FILTER: GENUINE PROTECTION.**

Lube Filtration On Back!

# LF14001NN LUBE FILTER: ENGINEERED FOR EFFICIENCY.

## Money-Saving Technology

The unique design of the Fleetguard LF14001NN delivers powerful benefits that positively impact your bottom line:

- **Greater Fuel Efficiency**
- **Increased Engine Protection**
- **Increased Vehicle Uptime**
- **Extended service up to 100,000 miles**

*See Cummins Extended Service Guidelines*

## How it works

Our filter technology features 2-in-1 media to optimize performance in real-world conditions, which puts less strain on the engine and enables the most fuel savings by any lube filter on the market.



**1) StrataPore® Media**  
Removes larger particles upon engine start-up for immediate protection.

**2) NanoNet® Media**  
Removes smaller, fine particles to prevent long-term engine wear.

**Saved Over  
\$7.5 Million  
in Fuel Costs**

The LF1400NN generations are optimized for ISX15 & X15 engines to provide the best fuel economy of any filter on the market, saving customers over

**3 MILLION GALLONS  
OF FUEL AND COUNTING.\***

**Eliminated Over  
30 Metric Tons  
of CO<sub>2</sub>**

## Cummins Developed, Cummins Approved.

- Fleetguard filters are field tested all over the world to meet the toughest industry and internal standards.
- Manufactured since 1958, Fleetguard filters are Cummins owned and Cummins inspired.
- We are Cummins and we know engines!



## Best Warranty in the Business.

The Cummins Filtration Warranty extends to our entire line of products, ensuring the same promise of performance and coverage beyond the competition. Visit [cumminsfiltration.com](http://cumminsfiltration.com) to learn more about the competitive benefits of the Cummins Filtration Warranty.



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