

Fuel Filters Must Meet The Newest Challenges Of Diesel Formulations

Water, Microbes And Varying Bio Mixtures Make Fuel Filtering Process Critical

A diesel vehicle's fuel filter has a simple but critical job: prevent the dirt, rust and other impurities that can find their way into diesel fuel from reaching the vehicle's fuel-injection system.

If contaminants build up in the fuel-injection system, they can rob the vehicle of fuel efficiency and overall performance. The fuel used to run today's heavy duty vehicles poses many challenges:

- **Fuel Characteristics:** Diesel fuel formulation changes are being forced by stronger emissions regulations. The increased use of biodiesel creates additional challenges.
- **Advanced Engine Technologies:** Fuel-system injection pressures have increased while the tolerances within the injection system have decreased.
- **Water In Diesel Fuel:** The presence of water in diesel engines can result in low power output, engine



shutdown, fuel pump and injector wear and damage.

- **Microbiological Growth:** Water in diesel fuel can lead to microbial growth. When these particulates become trapped in fuel lines and system components, the result is reduced operational efficiency.

Luber-finer [Fuel Filters](#) provide the efficiency and capacity necessary to protect modern diesel engines.

Luber-finer's Quality Fuel Filters Provide:

- All-Metal Housing
- 99% Filtering Efficiency
- No Bowl Construction
- Low-Torque Valve

Luber-finer Exhibiting At HDAW '15 In January

Luber-finer will be attending the annual Heavy Duty Aftermarket Week (HDAW) January 26-29 in Las Vegas.

The four-day business conference, celebrating its 10th anniversary, is specifically tailored to HD distributors and their suppliers. The highlights of the event range from daily expert presentations and product introductions to more than 1,600 pre-arranged

supplier/distributor one-on-one meetings.

"HDAW is a key event for Luber-finer," says Alex Arango, Heavy Duty Brand Manager. "Each year is a great opportunity for one-on-one conversations with our partners. We are looking forward to hearing from our customers and determining how we can make them more successful."

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Featured Video



Video Makes Luber-finer Cabin Air Filter Install Easy

The Luber-finer Cabin Air Filter delivers reliable protection from harsh elements and contaminants for the heavy duty truck driver and equipment operator.

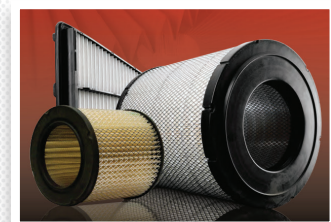
[Click here to view video](#)

Featured Products



Luber-finer Time Release Technology (TRT™) Oil Filter

Luber-finer TRT™ oil filters help your fleet extend oil-change intervals by impeding oil degradation found in modern diesel engines. Read more at [Luber-finer.com](#).



Luber-finer Air Filters Provide More Dirt-Holding Capacity

[Luber-finer air filters](#) remove more than 99% of airborne contaminants and provide 25 to 30% more dirt-holding capacity in extreme environments.

Trucking Industry's Prospect For More Profitability Is Good

There are substantial "silver linings" to the historically slow economic recovery, the driver shortage and even to strict trucking regulations and the high cost of equipment, an industry economist told fleet executives and suppliers at the CCJ Fall Symposium in early November.

"Our fundamental picture is that 2015 and beyond look to be good years for the industry," says Jim Meil, principal of industry analysis for ACT Research.

And as he explained in his presentation, the "good times" will be based on an economy that has lagged growth comparable to growth experienced after previous recessions, but this slow growth will prove to be sustainable for several more years.

Indeed, the biggest risk is that the substantial increase in freight predicted



for next year might "overheat" the market, particularly an anticipated boom year for truck production, leading to a steeper downward slope on the "other side."

The bottom line: Meil forecasts GDP growth will surge in 2015 (up from 2.2% in 2014) and create a 5.3% gain in freight, after 2014 slipped to 3.3% growth, hampered by winter weather and a slow housing market. Meil said the remainder of the decade should be "pretty good" as well, expected to average more than 4% growth in the freight segment.

MORE INFO: <http://bit.ly/1u6YkA7>
SOURCE: CCJ.com

Natural Gas Shine Dims With Falling Diesel Prices



With diesel prices at three-year lows and expected to remain well below \$4 per gallon in 2015, much of the shine is off the pennies per gallon that can be saved by using alternative fuels.

So with the natural-gas-powered vehicle market seemingly stalled, ACT Research has released the results of its updated research on U.S. Natural Gas (NG) transportation fuel trends in the heavy duty truck market.

The report titled, "NG Reality Check: Moving from Infancy to Adolescence,"

is designed to be a comprehensive, forward-looking analysis on natural gas use in U.S. Class 8 trucks.

"The previous long-term penetration over-statement does not mean NG has not grown. It has and will continue to grow, but at a slower rate the next few years," says Ken Vieth, ACT Research's senior partner and general manager. "NG Class 8 truck/transit bus penetration was 3% in 2013 and should reach 4% in 2014, or about 11,000 units."

Looking at the most likely adoption curve, NG heavy Class 8 penetration is expected to total 23 percent of the units sold in 2025. If the total new U.S. Class 8 truck/transit bus market is 200,000 units that year, then the NG market will be a strong 46,000 units, ACT reports.

MORE INFO: <http://bit.ly/1urtSUY>
SOURCE: CCJ.com

Facts and Trends

PC-11 Testing Comes Into Focus



At some point in 2016 or 2017, diesel engine oil proposed category 11 (PC-11) will debut in North America. While an introductory date is still up in the air, the makeup of the new PC-11 category is beginning to come into focus, says Dan Arcy, OEM tech manager at Shell.

MORE INFO: <http://bit.ly/1qPC2Tm>
SOURCE: CCJdigital.com



CAT Introduces New Class 8 Truck

Caterpillar officially launched its CT681 Class 8 truck. The company said the new truck has entered full production. Caterpillar also revealed it will roll out another Class 8 truck next year.

MORE INFO: <http://bit.ly/1qPCq4n>
SOURCE: FleetOwner.com



Panel Debunks Alternative Fuel Myths

A panel of green fuel experts pointed out that there is a "dizzying choice" available today in fuels: CNG, LNG, RNG, DME, E85, hydrogen, battery electric, plug-in electric, biodiesel, renewable diesel, algae diesel, clean diesel. With all these choices, there are many myths about safety and efficiency.

MORE INFO: <http://bit.ly/11f7Zo>
SOURCE: TruckingInfo.com

Upcoming Ads

Fleet Maintenance
Truck Parts & Service
Aftermarket Informer