Cummins and 3M partner to respond to COVID-19 pandemic

Cummins will utilize labor and equipment typically used for producing diesel engine filters to manufacture high efficiency particulate filters for use in 3M’s Powered Air Purifying Respirators. Columbus, Ind. – Cummins (NYSE: CMI) has reached an agreement with 3M (NYSE: MMM) to manufacture high efficiency particulate filters for use in 3M’s Powered Air Purifying Respirators, or PAPRs. Powered air purifying respirators (PAPRs) are an important piece of equipment for front-line healthcare workers responding to the COVID-19 pandemic. PAPRs use a battery-powered blower that sends filtered air into a hood or head top that covers the wearer’s head or face; and can provide increased levels of respiratory protection, especially for critical healthcare situations such as aerosol generating procedures. PAPRs may also be more comfortable to wear for those who need respiratory protection for long periods of time. The partnership has the potential to more than double the current production of filters for 3M’s PAPRs. The additional filters are needed as 3M has ramped up production of PAPRs to meet a surge in demand for personal protective equipment due to the COVID-19 outbreak. “Cummins has been striving to find ways to help during the COVID-19 crisis,” said Tom Linebarger, Chairman and Chief Executive Officer of Cummins. “Working with 3M, we discovered our technologies and manufacturing expertise could be relevant as we partner in new ways to help protect healthcare professionals.”

For more information call 1800 032 037 or email fleetassist.australia@cummins.com
Cummins and DuPont partner to use filter technology to supply critical material for N95 respirator masks

The first masks featuring the filter technology are being used as part of a project to supply masks to Minnesota’s M Health Fairview network. As the COVID-19 pandemic spreads across the globe, Cummins Inc. (NYSE: CMI) and DuPont (NYSE: DD) are helping address the nation’s shortage of N95 respirator masks. Cummins’ NanoNet® and NanoForce® Media technology, which uses DuPont’s Hybrid Membrane Technology (HMT), can typically be found in air, fuel and lube filtration products used in heavy-duty diesel engines to prevent long-term engine wear, but also can be used in the N95 respirator masks worn by healthcare professionals to filter harmful airborne particles that can spread COVID-19. The need for N95 masks has skyrocketed in recent weeks in response to the COVID-19 pandemic. Many of the world’s leading mask manufacturers are in need of the critical materials to assemble the mask and are struggling to meet demand. “Cummins is re-evaluating our supply base and manufacturing capabilities to identify how we can support our healthcare professionals who rely on critical personal protective equipment to do their jobs,” said Amy Davis, Vice President of Cummins Filtration. “Our NanoNet® Media can fill a key supply void and help address the mask shortage facing the United States and other countries around the world.”

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Introducing the NEW LF14000NN
Cummins Filtration has refined its Fleetguard LF14000NN combination lube filter for its newer engine platforms including Cummins X15 engines, introduced in August. The new Fleetguard LF14000NN uses a co-bonding lamination process that pairs NanoNet and StrataPore media together to create a single filter element.

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Cummins Filtration Wins AFS 2015 New Product of the Year Award

The American Filtration & Separation Society (AFS) recently named Cummins Filtration the winner of the 2015 New Product of the Year Award at their Spring conference in Houston, TX over May 9-11. The Cummins Filtration LF14000NN lube filter was recognized by the AFS as the most significant new product introduction in the previous year as it became the company’s first lube filter with NanoNet® media, a patented polymeric nanotechnology-based media originally developed for Fleetguard fuel filter applications. “Engine design improvements now place higher demands on the engine’s filtration systems, challenging filter manufacturers to increase fuel economy while also maintaining superior particulate removal efficiency and capacity,” said Roma Fatima, Lube Product Line Manager, Cummins Filtration. “To meet these challenges, we adapted our proprietary polymeric media for lube filtration applications. The LF14000NN represents the balanced design that is possible with the use of our nanofiber media.” The new combination lube filter provides balanced filtration in terms of efficiency, capacity and restriction. Inside, the NanoNet media structure allows for finer efficiency of wear-causing contaminant particles as well as higher capacity to hold real world contamination throughout the filter’s desired service interval. A notable benefit of the low flow restriction capability is that the engine is able to operate more efficiently due to less parasitic power loss to the engine, which can lead to measureable fuel economy improvements. “Many of the characteristics that make NanoNet media so successful in fuel filter applications translate well to lube filters,” said Brad Long, Senior Engineering Technical Advisor, Cummins Filtration. “By pairing NanoNet with our proven StrataPore™ synthetic media, we can offer a lube filter that’s suited to meet the needs of today’s advanced engine platforms and lubricants as well as those coming in the near future.”

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Cummins Sets New Innovation Goals

Cummins, which all but singlehandedly brought diesel engines into the 21st century, is innovating how it approaches technology and solutions development, under the tutelage of its new CTO, Jennifer Rumsey. “Two decades ago, we knew with pretty good clarity the challenges we had to meet,” Rumsey explained. “A regulatory standard for emissions would go into effect by so-and-so date, and if we brought the right technology to market to meet emissions and our customer’s expectations, we could grow our market.”

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Cummins New Middle East Joint Venture
Cummins Inc. and The Olayan Group announced the formation of Cummins Arabia, a 50:50, three-country distribution joint venture company in the Middle East. This joint venture consolidates the distribution of Cummins products in the United Arab Emirates (UAE), Saudi Arabia and Kuwait. Those products are currently distributed by Cummins’ wholly-owned UAE distributor and Olayan-owned independent distributors – General Contracting Company (GCC) in Saudi Arabia and General Transportation and Equipment (GTE) in Kuwait.

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Cummins Filtration Moves to New Corporate Headquarters

Cummins Filtration Inc., an industry leader in diesel engine filtration technology, announces that it has moved its corporate headquarters to the One Century Place building in Nashville, TN, effective January 25, 2016. The company will occupy a newly redesigned 30,515 sq. ft. space for executives and staff including sales, engineering, purchasing, finance and human resources. The office consolidates all employees on a single floor, allowing for an entirely open and flexible workspace.

“This space will ensure that we have capacity for growth, and the open floor plan will provide opportunities for teams and individuals to focus, learn, collaborate and socialize,” says Amy Davis, General Manager for Cummins Filtration. “It will encourage employee engagement and productivity while improving our utilization of the workplace.” One Century Place is located 4 miles from Nashville International Airport and 6 miles from downtown. It has ample conference space, parking and access to hotels.

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Cummins Powers Up for Stage V Emission Regulations at BAUMA
The 31st edition of the World’s leading trade fair for construction machinery, building material machines, mining machines, construction vehicles and construction equipment will commence on April 11th at the trade fair premises in Munich, Germany. On a joint stand Cummins and its component businesses will present the next generation of ultra-clean engines designed to meet EU Stage V emissions regulations commencing in 2019 for construction, mining and materials handling equipment. Supplied as an integrated system with a newly developed exhaust aftertreatment by Cummins Emission Solutions, these engines will go beyond meeting Stage V near-zero emissions regulations bringing an increase in power and torque of up to 10 percent. Cummins Filtration will take part in the BAUMA trade show event displaying a new line of modular Medium- and Heavy-Duty Fuel Modules which can be customized to any specific customer need. Only to interested OEM’s and behind closed doors, Cummins Filtration will also share a new generation of light weight Spin-On filters: Spinlite™ products consist of fewer components contain our advanced NanoNet fine filtration media and have a patented interface preventing the installation of inferior filtration products. The Spinlite technology will be available for Stage V ready engines in 2017. Please visit the Cummins stand at BAUMA in Hall A4, Stand 325.

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New Nissan Titan with Cummins Engine Named 2016 Truck of the Year by Cars.com!
Not only does this new truck attempt to carve a unique place for itself in between two well-established segments (the half-ton and three-quarter-ton segments), but it also tries to re-establish Nissan as a competitive player in the world of full-size pickup trucks — and that’s a tall order. Where the previous light-duty Titan was a clear attempt to court younger, affluent, family-oriented buyers (which is and always has been the heart of the half-ton market), this new Titan XD attempts to be a more credible “true-truck” competitor by coming to market with a heavier-duty ladder frame and chassis, giving it solid and much-needed payload and towing credentials. Add to this a stronger powertrain with a stout 32-valve twin-turbo 5.0-liter V-8 Cummins engine, rated at 555 pounds-feet of torque, and you can see why Nissan is excited about the XD’s potential, not only with more affluent lifestyle consumers, but fleet buyers looking for a solid workhorse.

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Agritechnica 2015: Record Registration and Attendance
Agritechnica 2015, the world’s leading forum for the future of the agricultural sector, is celebrating the 30th year since it started with record exhibitor participation. As Dr. Reinhard Grandke, Chief Executive Officer of the organizer DLG (Deutsche Landwirtschafts-Gesellschaft – German Agricultural Society), told the international press, up to and including Saturday, November 14, 2015, the Fairgrounds in Hanover will be the meeting place and forum for the world’s agricultural sector. “With more than 2,900 exhibitors from 52 countries we have reached a new record level,” said the DLG CEO. “The Fairgrounds are fully booked.” Agritechnica is thus impressively continuing its success story and further consolidating its leading position as the international trade fair for agricultural machinery and equipment and the agricultural sector.

For more information call 1800 032 037 or email fleetassist.australia@cummins.com
Cummins Filtration Inc., an industry leader in diesel engine filtration technology, announced today the release of the Fleetguard LF14000NN lube filter for Cummins ISX15 diesel engines.

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