

FOR IMMEDIATE RELEASE

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Nederman to Demonstrate FibreDrain™ Oil Mist Collection Solutions at the Precision Machining Technology Show 2019

Nederman, a world-leading supplier and developer of filtering, cleaning and recycling solutions for industrial environments will demonstrate patented FibreDrain oil mist filtration products for metal fabricators at PMTS 2019 in Cleveland, Ohio April 2-4, 2019.

CHARLOTTE, N.C. –(April 1, 2019)—Nederman will demonstrate its patented FibreDrain technology, a range of products for efficient oil mist filtration, specially designed for continuous operation for metal fabricators at PMTS 2019.

What is oil mist?

Nearly every metal machining operation generates oil mist and smoke, which has a negative effect not only on employee health, but also on production equipment and overall business revenue. There is a fundamental difference between mist and smoke that presents a significant challenge in metal machining operations. Oil mist is comprised of liquid droplets generally up to 20 microns in size. With higher machine speeds and pressure, the mist drops get so small that a liquid smoke, containing droplets less than 1 micro, can be created. Capturing these extremely small droplets requires specially treated and highly efficient filters.

FibreDrain – a patented Nederman technology

Nederman's unique and patented FibreDrain technology is the key to efficient oil mist filtration in metal machining applications. The composition of the FibreDrain filters makes it possible to capture even the smallest submicron droplets and drain them back to the process with maintained filtration efficiency. The exceptional fluid drainage capacity ensures maximum coolant retrieval and reduces coolant consumption. The FibreDrain design secures long filter life and thus a low operating cost. A wide range of filter compositions are available to suit most applications.

Ed Sithes, VP of Oil Mist Solutions for Nederman North America states "We are excited to introduce the FibreDrain technology to the PMTS 2019 audience. My goal is to educate machining and metal manufacturers about the benefits of FibreDrain in their workplace.

Four benefits of controlling oil mist in metal machining operations

1. Reduced health risks

Exposure to oil mist for a prolonged period of time can cause a number of health issues such as respiratory problems and skin conditions. Some studies have indicated that long-term exposure to oil mist can lead to increased susceptibility to several types of cancer.

2. Increased safety

Oil mist creates slippery surfaces, which increases accident rates, and oil deposits increase the fire risk by allowing fires to spread quickly.

3. Increased productivity

Aerosols harm the electronics in modern metalworking machines and cause expensive downtime.

4. Cost savings

Oil mist filtration maximizes the amount of coolant that can be retrieved and returned back to the process. The cleaned air can be recirculated* in the workshop or discharged from the factory via a heat exchanger.

FibreDrain on display at PMTS 2019

Nederman will conduct live demonstrations of the FibreDrain capabilities to the machine tool audience in [Nederman booth #1066](#) at the Huntington Convention Center, April 2-4, 2019. Learn more about Nederman FibreDrain technology at www.fibredrain.com



Nederman FibreDrain Oil Mist Filtration Technology



Nederman OMF 1000 and OSF 500 oil mist collectors

Watch online: https://www.youtube.com/watch?v=HuHjH_sFmhQ

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Facts about Nederman

Nederman is one of the world's leading companies supplying products and solutions in the environmental technology sector focusing on industrial air filtration. The company's products and solutions contribute to reducing the environmental impact, create safe and clean working environments and improve production efficiency. Nederman offers complete solutions, including engineering and design, commissioning, installation, training and aftermarket. Sales are managed through the Group's own sales offices and distributors in over 50 countries. Production is performed in 12 countries on five continents. The Group is listed on Nasdaq OMX, Stockholm and has around 1,900 employees.

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