

Latest Research from Chemours Shows Bright Future for Opteon™ Refrigerants
Chemours Showcases Latest Low Global Warming Potential, Hydrofluoro-olefin Refrigerant Innovations at 2016 Purdue Refrigeration and Air Conditioning Conference

WILMINGTON, DE., July 12, 2016 – The Chemours Company (Chemours) (NYSE: CC), a global chemistry company with leading market positions in titanium technologies, fluoroproducts and chemical solutions, is presenting its latest research at this week's 2016 Purdue Refrigeration and Air Conditioning Conference, demonstrating the bright future of their low GWP (global warming potential) hydrofluoro-olefin (HFO) refrigerants. At the conference, Chemours is presenting five technical papers on refrigerants, more than any other company. The presentations detail the performance, stability, compatibility, safety, and environmental benefits of the company's Opteon™ portfolio.

As of today Chemours has commercialized a broad range of Opteon™ refrigerants across multiple applications including mobile air conditioning, stationary refrigeration and chillers. These new refrigerants have quickly been adopted by users around the world as they offer the optimal balance of properties including performance, environmental sustainability, safety and cost. Chemours also has a robust developmental pipeline with additional low GWP solutions on the way for stationary air conditioning and waste heat recovery.

The Purdue Refrigeration and Air Conditioning Conference is a bi-annual research conference organized by the faculty from the Ray W. Herrick Laboratories at Purdue University. The conference seeks to bring together world-renowned authors and speakers to present cutting edge research over the course of the four day event.

“The Purdue Conference is of great value to the industry as it allows for its best and brightest minds to come together in one place and share the progress that has been made over the past two years,” Diego Boeri, global business director Chemours Fluorochemicals. “Our Opteon™ portfolio represents new breakthrough solutions within the industry and therefore it is important that we use opportunities like these to educate the industry and demonstrate why we believe these products offer the best long term low GWP solutions for today and tomorrow's applications.”

The five papers from Chemours involved the contribution from ten Chemours authors along with one collaborative effort involving other leaders within the waste heat recovery industry:

- Multi-Year Evaluation of R-449A as a Replacement for R-22 in Low Temperature and Medium Temperature Refrigeration Applications
 - Authors: Andrew Pansulla, Charles Allgood
- Testing of Low GWP Replacements for R-410A in Stationary Air Conditioning
 - Authors: Joshua Hughes, Sonali Shah
- Hot Surface Ignition Testing of Low GWP 2L Refrigerants
 - Authors: Mary Koban, Barbara Minor, Nina Gray, Patrick Coughlan
- Testing of HFO Refrigerant with Less Than 150 GWP in a Commercial Freezer
 - Authors: Barbara Haviland Minor, Sonali Shah, Luke Simoni
- Combined Heat and Power From Low Temperature Heat: HFO-1336mzz(Z) as a Working Fluid for Organic Rankine Cycles
 - Authors: Konstantinos Kontomaris¹, Luke D. Simoni¹, Mattias Nilsson², Tim Hamacher³, Harald Nes Rislå⁴

¹Chemours Fluorochemicals, Wilmington, Delaware, United States of America; ²Viking Heat Engines, Kristiansand, Norway; ³Viking Heat Engines, Remscheid, Germany; ⁴Viking Development Group, Kristiansand, Norway



As the leading industry supplier of more environmentally sustainable refrigerants, Chemours has invested hundreds of millions of dollars to offer customers new products with no ozone depletion and low global warming potential. The company has announced plans to invest hundreds of millions more in the next five years to bring online additional capacity of these more sustainable, high-performance products that serve a wide range of applications.

For more information visit us at Opteon.com.

About The Chemours Company

The Chemours Company (NYSE: CC) helps create a colorful, capable and cleaner world through the power of chemistry. Chemours is a global leader in titanium technologies, fluoroproducts and chemical solutions, providing its customers with solutions in a wide range of industries with market-defining products, application expertise and chemistry-based innovations. Chemours ingredients are found in plastics and coatings, refrigeration and air conditioning, mining and oil refining operations and general industrial manufacturing. Our flagship products include prominent brands such as Teflon™, Ti-Pure™, Krytox™, Viton™, Opteon™ and Nafion™. Chemours has approximately 8,000 employees across 35 manufacturing sites serving more than 5,000 customers in North America, Latin America, Asia-Pacific and Europe. Chemours is headquartered in Wilmington, Delaware and is listed on the NYSE under the symbol CC. For more information please visit chemours.com or follow Chemours on Twitter at @chemours.

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