



CAMX

September 11-14, 2017

Orlando, Florida

Stand No.: B45

August 2017

Trelleborg Shares Composite Knowledge at CAMX 2017

Trelleborg's applied technologies operation will showcase its comprehensive suite of high performance composite solutions at the Composites and Advanced Materials Expo (CAMX) in Orlando, Florida, September 11-14 on stand B45. In addition, Dr. Kipp Carlisle will be presenting his technical paper, *Rheological Behavior of Epoxy-Based Syntactic Foams*, on Tuesday, September 12.

Attendees will be able to take a firsthand look at some of Trelleborg's advanced composite materials including Eccofloat™, a high-strength syntactic foam, Eccosphere™, hollow glass microspheres, as well premium epoxy tooling boards and Syntac® plug-assist materials.

Bob Kelly, Managing Director within Trelleborg's applied technologies operation in Boston, says: "Trelleborg works hard to continuously innovate and produce solutions which meet stringent customer and industry requirements. The unique combination of our global manufacturing capabilities and material science make us a supplier of choice for projects in many cutting edge areas that range from outer space to the deepest oceans."

Dr. Kipp Carlisle, Materials Development Manager within Trelleborg's offshore operation in Houston states: "The focus of my presentation will be to elucidate observed trends in process-ability parameters for various compositions of the liquid/solid slurries which are the in-process precursors to cured syntactic foam. I look forward to presenting and discussing the processing and in-process behavior of such systems with other likeminded industry thought leaders attending the CAMX conference program."

Trelleborg's applied technologies operation manufactures a range of high performance, low density syntactic foam solutions for deep sea buoyancy applications. These composite foams provide ultra-low densities through the selection of only the highest specification hollow glass microspheres called Eccospheres®. They are designed to provide the highest strength to weight ratio when used in composite materials. The ability to custom manufacture and test this critical component of syntactic foam allows Trelleborg to produce industry leading strength to weight ratio materials.



When Eccospheres® are combined within a rigid, high strength resin system, it makes Trelleborg's Eccofloat® syntactic foam. These foams are used to prepare large buoyancy modules, which can be readily shaped to custom configurations for ROVs, AUVs and manned submersibles. Oceanographers also use Eccofloat® to suspend instrumentation in deep ocean studies.

Trelleborg's advanced range of thermoforming plug assist materials are designed to increase productivity, reduce downtime and maintain high product quality while its high performance range of tooling boards are used to create durable, reusable tools, prototypes, models and patterns with a CNC machine.

Created by industry leaders, ACMA and SAMPE, CAMX has established itself as North America's event that connects and progresses the world's composites and advanced materials communities – the go-to marketplace for products, solutions, networking and advanced industry thinking. In addition CAMX offers the most robust Conference Program for the composites and advanced materials industries. The event hosts over 300 conference and technical sessions with expert speakers, as well as 550 plus exhibitors and 8,000 attendees.

For additional information at the exhibition, stop by stand B45 to speak with our industry experts Bob Kelly, Kipp Carlisle and Will Ricci or visit www.trelleborg.com/applied-technologies.

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For press information:

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Notes to Editors:

Trelleborg's applied technologies operation and Trelleborg Group

As part of the Trelleborg Offshore & Construction Business Area of Trelleborg Group, Trelleborg's applied technologies operation manufactures and designs innovative and reliable polymer and syntactic material solutions for a wide range of industries including aerospace, screen printing, rail and motor sport. www.trelleborg.com/applied-technologies

Trelleborg is a world leader in engineered polymer solutions that seal, damp and protect critical applications in demanding environments. Its innovative solutions accelerate performance for customers in a sustainable way. The Trelleborg Group has annual sales of SEK 31 billion (EUR 3.23 billion, USD 3.60 billion) and operations in about 50 countries. The Group comprises five business areas: Trelleborg Coated Systems, Trelleborg Industrial Solutions, Trelleborg Offshore & Construction, Trelleborg Sealing Solutions and Trelleborg Wheel Systems, and the operations of Rubena and Savatech. The Trelleborg share has been listed on the Stock Exchange since 1964 and is listed on Nasdaq Stockholm, Large Cap. www.trelleborg.com.

About CAMX

After 3 consecutive years of growth, CAMX 2017 – The Composites and Advanced Materials Expo – will connect and advance all aspects of the composites and advanced materials communities, as America's go-



to marketplace for products, solutions, networking and advanced industry thinking. Join over 8000 attendees and 550 exhibitors from more than 52 countries around the globe, and an unrivaled conference program with over 300 sessions.